Herbrand Tools

Van Chrome

HERBRAND DIVISION, THE BINGHAM-HERBRAND CORP.
FREMONT, OHIO

DISTRIBUTED BY

Tool Catalog 56

TOOL CATALOG 56

A new section index and page numbering system has been incorporated into this Edition. Catalog Sections have been made more general to cover the wide range of tools. All page numbers run consecutive to permit quick reference from either the section index at the front or the alphabetical index at the end of the Catalog.

GUARANTEE

The trade mark HERBRAND or VAN CHROME is your unqualified guarantee against any defects in quality or workmanship. Each tool is designed and engineered with plus strength factors to perform the maximum service on the job for which it is intended. Any tool failing in this normal use may be returned prepaid to the factory, and if our inspection reveals the failure due to defective quality or workmanship, the tool will be repaired or replaced and returned without charge.

This guarantee does not cover:

1. ABUSE—such as improper use or application of excess torque on the tool.
2. ALTERATION—such as grinding, filing, heating or altering original shape.
3. NORMAL "WEAR-OUT"—the abrasion and fatigue of years of use will eventually "wear-out" any tool.

Sold only through Wholesale and Jobbing Distributors.

HERBRAND recognizes and supports the traditional system of distribution through wholesale and jobbing distributors—and we are proud to list the leaders in this field as the customers we serve.

Factory Field Representatives and Stock Warehouses in every Trading Area:—

These representatives and warehouses have been established for your convenience and offer you service, quality and cooperation.

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FREMONT, OHIO

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Herbrand Tools

Since the year 1881 HERBRAND has been recognized by the industry as a manufacturer of highest quality mechanic's hand tools.

Constantly improving the line by developing new tools has kept HERBRAND "up to date" in the eyes of the professional mechanic and specialized serviceman. They look to HERBRAND for the latest and the best in tools and have come to depend upon the trademark "HERBRAND" and "VAN CHROME" as a mark of fine craftsmanship. As skilled mechanics they are proud to own and use tools known and preferred throughout the industry.

Located in Fremont, Ohio with over forty acres of modern plant facilities, HERBRAND maintains the traditional system of selling through wholesale and jobber distribution. Factory field representatives and complete warehouse stocks located in all principal trading areas offer the user convenience, service, quality and cooperation.

SPECIAL AND ORIGINAL EQUIPMENT TOOLS

HERBRAND welcomes the opportunity to quote on all types of special tools and tool kits for original equipment and manufacturers. Please send your blueprint or requirements care of HERBRAND TOOLS, Sales Department, Fremont, Ohio and HERBRAND will be pleased to offer their manufacturing "know-how" for your requirements.

☆ ☆ ☆

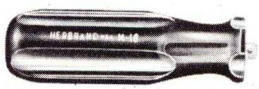
Herbrand — Tools Of Quality — For The Skilled Mechanic

1/4" SQUARE DRIVE MIDGET "M" SERIES SOCKETS, HANDLES & ATTACHMENTS

M-5

M-8

M-13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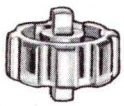
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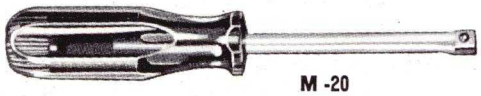
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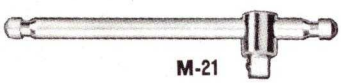
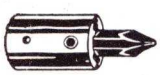

M-21

M-22 M-23

M-33


M-41, M-42, M-43

M-45

M-35

M-53 M-54 M-55

M-63, M-64, M-66

M-71

M-100

6-POINT SOCKETS REGULAR LENGTH

Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
M-606	3/16	1	19/64	1/4
M-607	7/32	1	21/64	1/4
M-608	1/4	1	3/8	1/4
M-609	9/32	1	25/64	1/4
M-610	5/16	1	7/16	5/16
M-611	11/32	1	1/2	5/16
M-612	3/8	1	9/16	7/16
M-614	7/16	1	5/8	1/2

8-POINT SOCKETS

M-808	1/4	1	29/64	3/8
M-810	5/16	1	9/16	1/2
M-812	3/8	1	21/32	5/8

M-5 Reversible Ratchet. 24 teeth; 5¼" long; weight per 10—2¼ lbs.

M-8 Ratch-A-Daptor. converts any ¼" drive handle into a fully reversible ratcheting tool. 1" O.D., 1⅜" overall length; weight per 10—1½ lbs.

M-13 Flexible Offset Handle. 5¼" long; weight per 10—1⅝ lbs.

M-18 Short Spinner Handle. Tenite II Grip; length over all 3⅞"; weight per 10—1½ lbs.

M-19 Quick Spin Handle. 1⅛" long; weight per 10—½ lb.

M -20 Spinner Handle. Tenite II grip. 6¼" long; weight per 10—1⅞ lbs.

M-21 Sliding T Handle. 4½" long; weight per 10—⅞ lb.

M-22 Extension. 5½" long; weight per 10—1¼ lbs.

M-23 Extension. 2" long; weight per 10—½ lb.

M-33 Bar Handle. 4½" long; ¼" diameter; weight per 10—⅝ lb.

M-35 Universal Joint. 1 7/32" long; outside diameter ½"; weight per 10—7/16 lb.

M-41, M-42, M-43 Socket Type Phillips Bit. No. 1, 2 & 3 Point. 1⅝" long; weight per 10— 5 ozs.

M-45 Phillips Screw Driver Bit. No. 2 Point. 2" long; weight per 10—½ lb.

M-53 Slot Screw Driver. Bit width 3/16"; 3¼" long; weight per 10—½ lb.

M-54 Slot Screw Driver. Bit width ¼"; 3¼" long; weight per 10—11/16 lb.

M-55 Slot Screw Driver. Bit width 5/16"; 3¼" long; weight per 10—13/16 lb.

M-63, M-64, M-66 Slot Screw Driver Bit. Width ⅛", ¼", ⅜"; 1⅝" long, weight per 10—5 ozs.

M-71 Special Chevrolet Dist. Socket. For point removal on all Chevrolet 1953-54. Weight per 10—5/16 lb.

M-100 Ratchet-Driver—A 3-piece set consisting of an M-18, M-8 and M-63. A ratcheting screw driver for close work—adaptable to all ¼" drive attachments. Weight per 10—3⅛ lbs.

6-POINT DEEP SOCKETS

Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
M-510	5/16	2	7/16	3/4
M-512	3/8	2	9/16	3/4
M-513	13/32	2	9/16	3/4
M-514	7/16	2	5/8	1
M-515	15/32	2	5/8	1
M-516	1/2	2	11/16	1⅛
M-518	9/16	2	3/4	1⅛

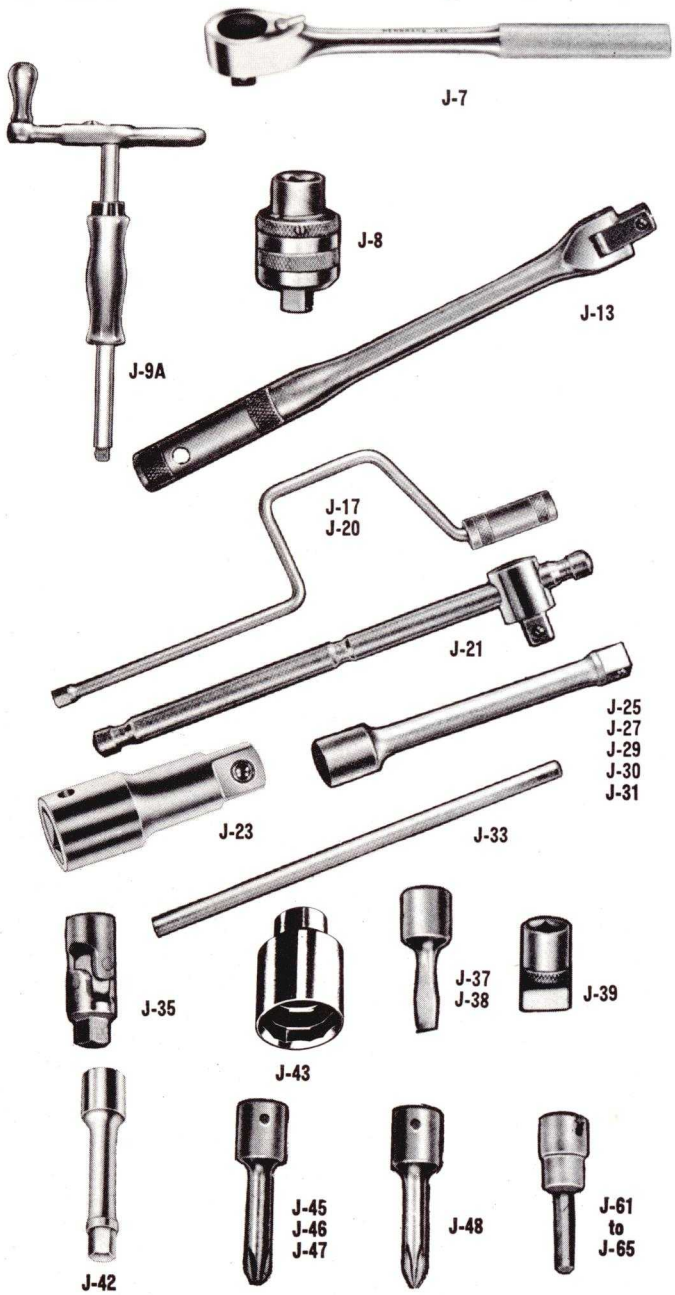
M-606 to M-614

M-808 to M-812

M-510 to M-518

3/8" SQUARE DRIVE JUNIOR "J" SERIES HANDLES AND ATTACHMENTS

Made for the professional mechanic, these Van-Chrome handles and attachments get into the smallest working areas with the strength and durability to handle the most stubborn jobs. Special Alloy Steels combined with most modern hardening and machining methods, provide trim narrow lines for maximum clearance. Chrome plated, faces and ends polished.



J-7 Reversible Ratchet. 36 teeth; 7¼" long.

J-8 Ratch-A-Daptor. Converts any handle to a reversible action tool. 20 teeth; 1 31/32" long; maximum O.D. 1 3/16"; weight per 10—3¼ lbs.

J-9A Speedratchet. Versatile reversible ratchet tool. Combination extension, spinner handle, T handle ratchet. 12" long; weight per 10—14 9/16 lbs.

J-13 Flexible Offset Handle. 8" long; weight per 10—3 15/16 lbs.

J-17 Speeder Handle. 17" long; swing radius 3 7/16"; weight per 10—10⅝ lbs.

J-20 Speeder Handle. 34" long; swing radius 3 7/16"; weight per 10—15⅞ lbs.

J-21 Sliding T Handle. 7⅞" long; head O.D. ¾"; head length 1 17/64"; weight per 10—3¼ lbs.

J-23 Extension. 1¾" long; weight per 10—2½ lbs.

J-25 Extension. 3" long; weight per 10—1 5/16 lbs.

J-27 Extension. 5" long; weight per 10—1 13/16 lbs.

J-29 Extension. 12" long; weight per 10—3 11/16 lbs.

J-30 Extension. 20" long; weight per 10—5⅝ lbs.

J-31 Extension. 24" Long;

J-33 Bar Handle. 6½" long; ¼" diameter; weight per 10—1 5/16 lb.

J-35 Universal Joint. 1 57/64" long; outside diameter 23/32"; weight per 10—1 1/16 lbs.

J-37 Slot Screw Driver. Bit width ¼"; 2 1/16" long; weight per 10—¾ lb.

J-38 Slot Screw Driver. Bit width 5/16"; 2 1/16" long; weight per 10—¾ lb.

J-39 Drag Link Socket. Bit width 1 1/16"; thickness .116"; length 1¼"; weight per 10—¾ lb.

J-42 3/8" Hex Filler Plug Wrench—for 59 **Ford** and **Mercury** Differential Plug—has 3/8" drive—3 1/8" long—weight per 10—1 5/16 lbs.

J-43 Two-in-one Socket for Stop light Switch and oil pressure light switch. 3/8" drive. 2" long. Openings 1 1/16" and 1" (inside).

J-45 Phillips Screw Driver Bit. No. 2 point, 2⅝" long; weight per 10—1 5/16 lb.

J-46 Phillips Screw Driver Bit. No. 3 point, 2⅝" long; weight per 10—1 lb.

J-47 Phillips Screw Driver Bit. No. 4 point, 2⅝" long; weight per 10—1⅛ lbs.

J-48 Reed & Prince Screw Driver Bit. ¼" diameter; 2 9/16" long; weight per 10—⅞ lb.

J-61 Hex Bit Socket. 3/16" replaceable bit; 2" long; O.A.L. 3 1/16"; weight per 10—13/16 lb.

J-62 Hex Bit Socket. 7/32" replaceable bit; 1 3/16" long; O.A.L. 2¼"; weight per 10—⅞ lb.

J-63 Hex Bit Socket. ¼" replaceable bit; 1 3/16" long; O.A.L. 2¼"; weight per 10—1 lb.

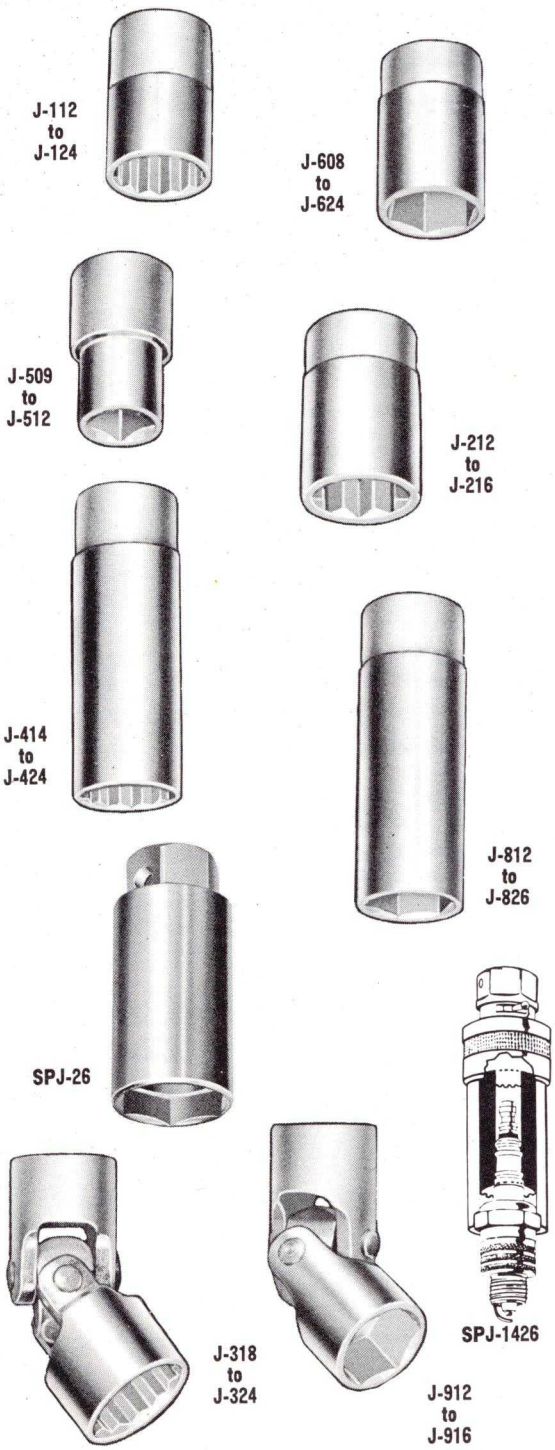
J-64 Hex Bit Socket. 5/16" replaceable bit; 1 3/16" long; O.A.L. 2¼"; weight per 10—1⅛ lbs.

J-65 Hex Bit Socket. 3/8" replaceable bit; 1 3/16" long; O.A.L. 2¼"; weight per 10—1¼ lbs.

SEE SECTION ELEVEN
For Complete
Tool Sets, Socket Sets,
Wrench Sets, Plier Sets
and Chisel Sets.
Also Tool Boxes, Chests and Kits

3/8" SQUARE DRIVE JUNIOR "J" SERIES
6, 8 AND 12 POINT SOCKETS, (REGULAR, DEEP & FLEXIBLE)

Small — Slender — Straight — Thin Walled — The new Junior series sockets are the best of their kind. Extra strength and durability. Hot forged from specially selected highest quality alloy steels. Complete choice of types and sizes includes 6-point and 12-point in regular and extra length, plus 4 and 8-point as well as flexible 6 and 12-point sockets.



REGULAR LENGTH 12-POINT SOCKETS

Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
J-112	3/8	1 1/16	17/32	9/16
J-114	7/16	1 1/16	39/64	5/8
J-116	1/2	1 1/16	11/16	5/8
J-118	9/16	1 1/16	25/32	3/4
J-120	5/8	1 1/16	7/8	7/8
J-122	11/16	1 1/16	15/16	1
J-124	3/4	1 1/16	1	1

REGULAR LENGTH 6-POINT SOCKETS

J-608	1/4	1 1/16	25/64	9/16
J-610	5/16	1 1/16	15/32	9/16
J-612	3/8	1 1/16	17/32	9/16
J-614	7/16	1 1/16	39/64	5/8
J-616	1/2	1 1/16	11/16	5/8
J-618	9/16	1 1/16	25/32	3/4
J-620	5/8	1 1/16	7/8	15/16
J-622	11/16	1 1/16	15/16	1
J-624	3/4	1 1/16	1	1 1/8

4-POINT PIPE PLUG SOCKETS

J-509	9/32	1 1/8	1/2	5/8
J-510	5/16	1 1/8	35/64	11/16
J-512	3/8	1 1/8	21/32	11/16

REGULAR LENGTH 8-POINT SOCKETS

J-212	3/8	1 1/16	41/64	3/4
J-214	7/16	1 1/16	3/4	15/16
J-216	1/2	1 1/16	13/16	1

EXTRA DEEP 12-POINT SOCKETS

J-414	7/16	2	39/64	1 1/8
J-416	1/2	2	11/16	1 1/8
J-418	9/16	2	25/32	1 5/16
J-420	5/8	2 1/2	7/8	2 1/16
J-422	11/16	2 1/2	15/16	2 5/16
J-424	3/4	2 9/16	1	2 7/16

EXTRA DEEP 6-POINT SOCKETS

J-812	3/8	2	17/32	1 1/4
J-814	7/16	2	39/64	1 1/4
J-816	1/2	2	11/16	1 1/4
J-818	9/16	2	25/32	1 7/16
J-820	5/8	2 1/2	7/8	2 1/8
J-822	11/16	2 1/2	15/16	2 3/8
J-824	3/4	2 1/2	1	2 3/4
J-826	13/16	2 1/2	1 1/16	2 7/8

14MM SPARK PLUG HOLDING SOCKET

*SPJ-26	13/16	2 1/2	1 1/16	2 3/4
**SPJ-1426	13/16	3 1/2	1 1/16	

* Has Rubber insert and 3/4" Hex Drive.

**Full reversible ratchet action plus SPJ26 features.

FLEXIBLE 6-POINT SOCKETS
Spring Tension Construction

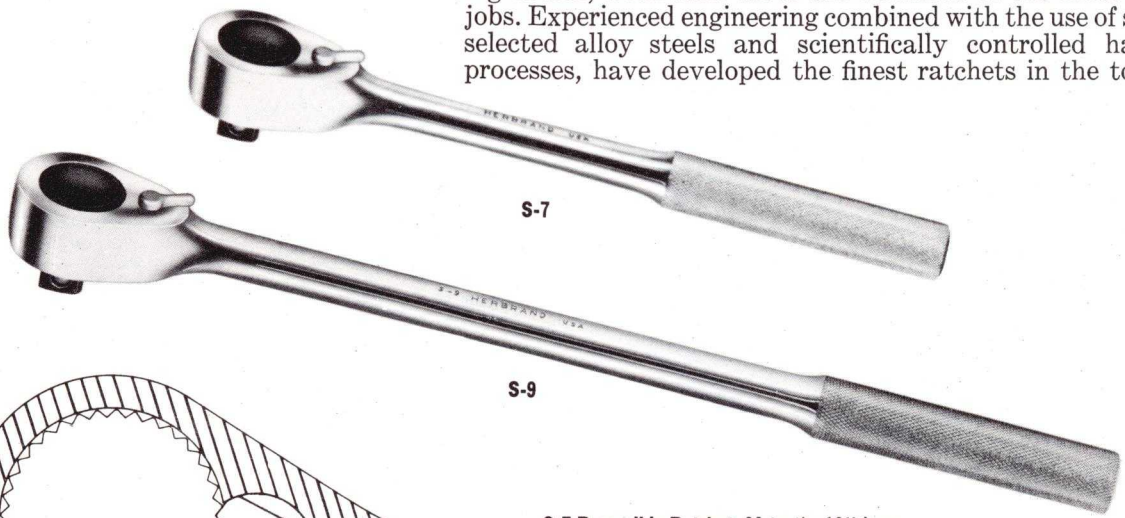
J-912	3/8	1 3/4	1/2	1
J-914	7/16	1 3/4	19/32	1
J-916	1/2	1 13/16	11/16	1 1/8

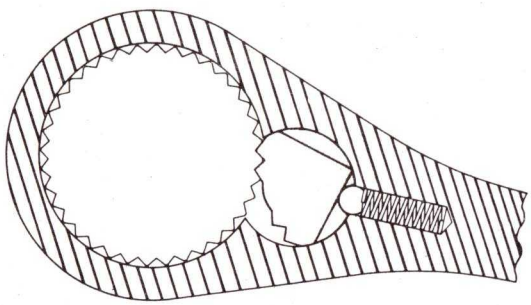
FLEXIBLE 12-POINT SOCKETS
Spring Tension Construction

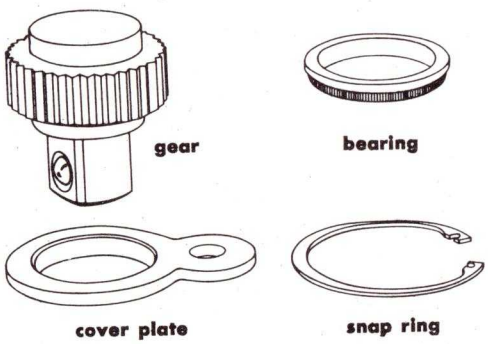
J-318	9/16	1 13/16	13/16	1 1/4
J-320	5/8	1 7/8	7/8	1 9/16
J-322	11/16	1 7/8	15/16	1 9/16
J-324	3/4	1 7/8	1	1 9/16

1/2" SQUARE DRIVE STANDARD "S" SERIES RATCHETS AND RATCH-A-DAPTORS

Today's professional mechanics require a complement of sizes and lengths in the popular ½" square drive ratchet. To properly meet these requirements, HERBRAND provides ratchets in both the 10" and 15" length. Engineered to function in the smallest working radius, both sizes meet the demands of the most difficult jobs. Experienced engineering combined with the use of specially selected alloy steels and scientifically controlled hardening processes, have developed the finest ratchets in the tool field.







S-7 Reversible Ratchet. 36 teeth; 10" long.

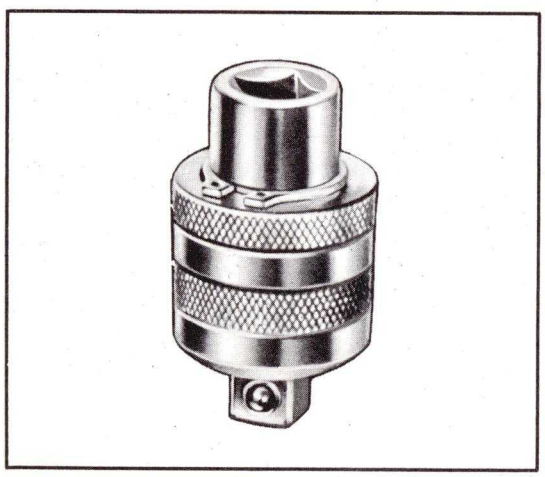
S-9 Reversible Ratchet. 36 teeth; 15" long.

Complete repair kits are available for all S-7 and S-9 ratchets as shown below.

Part Number	Description
S-7RK	Complete Repair Kit
S-9RK	Complete Repair Kit

RATCHETS

All Herbrand ratchets provide simple, strong, long life construction. Trouble free operation under most extreme usage. The drawing at left shows simplified construction of the Herbrand ratchet, in which working parts have been kept to a minimum. Bearings are replaceable quickly and easily on the job.



RATCH-A-DAPTORS

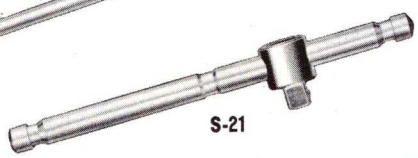
Available in 3 sizes, ¼", ⅜" and ½" drive. The compact adaptors are instantly reversible by a simple ring or lever shift. Use with hinge handle, speeder handle, T-handle or torque wrench to convert to a reversible action tool.

S-8 Ratch-A-Daptor. 20 teeth; 2 7/16" long; maximum OD 1⅝"; weight per 10—6⅞ lbs.

1/2" SQUARE DRIVE STANDARD "S" SERIES HANDLES AND ATTACHMENTS

S-13
S-15

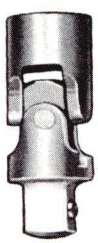
S-17



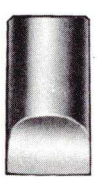
S-21

S-25
S-27
S-28
S-30

S-33



S-35



S-37
S-39
S-40

Lighter, stronger and more efficient through continuous engineering and design improvements. Select alloy steels scientifically hardened for maximum toughness and long life. Chrome plated and polished.

S-13 Flexible Offset Handle. 12" long; head width 1"; weight per 10—13 lbs.

S-15 Flexible Offset Handle. 18" long; head width 1"; weight per 10—17⅜ lbs.

S-17 Speeder Handle. 17" long; swing radius 3 31/32"; weight per 10—13¼ lbs.

S-21 Sliding T Handle. 9⅝" long; head O D 1⅛"; head length 1 37/64"; weight per 10—8⅝ lbs.

S-25 Extension. 2½" long; weight per 10—4⅜ lbs.

S-27 Extension. 5" long; weight per 10—3¾ lbs.

S-28 Extension. 10" long; weight per 10—7 5/16 lbs.

S-30 Extension. 32" long; weight per 10—22⅜ lbs.

S-33 Bar Handle. 11" long; weight per 10—3½ lbs.

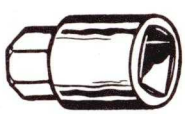
S-35 Universal Joint. 2⅜" long; OD 1 5/16"; weight per 10—2½ lbs.

S-37 Drag Link Socket. Bit width 47/64"; thickness .109"; length 1⅝"; weight per 10—1¾ lbs.

S-39 Drag Link Socket. Bit width 1 5/16"; thickness .153"; length 1⅝"; weight per 10—2¼ lbs.

S-40 Drag Link Socket. Bit width 1 3/16"; thickness .150"; length 1 1/16"; weight per 10—2¾ lbs.

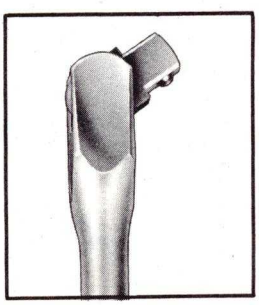
S-42 Filler Plug Wrench—has ½" drive and 9/16" hex to fit Chrysler Corp. cars using female differential carrier plug. 1½" long; ⅞" dia.; weight per 10—1⅜ lbs.



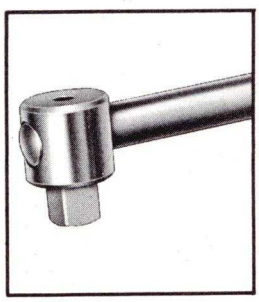
S-42

Construction features

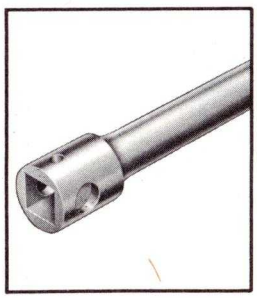
HINGE HANDLE
New smooth controlled hinge action with steel friction ball movement.



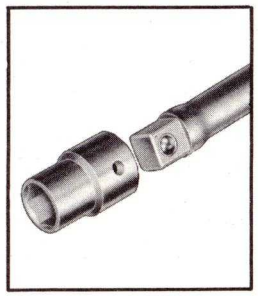
SLIDING T
Note 3 positive positions—head slides flush to ends. No bind action.



EXTENSIONS
Heads forged for greater strength—smooth, hot-broached squares.



BALL LOCK CONSTRUCTION
Accurately Milled Squares and Spring Ball Lock, provide snug, positive connections.



1/2" SQUARE DRIVE STANDARD "S" SERIES—6, 8 AND 12 POINT SOCKETS (REGULAR, DEEP, FLEXIBLE) SOCKET ADAPTORS

REGULAR LENGTH—8-POINT SOCKETS

Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
S-212	3/8	1 3/8	21/32	1 3/16
S-214	7/16	1 3/8	3/4	1 1/4
S-216	1/2	1 1/2	7/8	1 1/2
S-218	9/16	1 1/2	15/16	1 1/2
S-220	5/8	1 1/2	1 1/16	1 7/8
S-222	11/16	1 9/16	1 1/8	2 3/16
S-224	3/4	1 9/16	1 1/4	2 1/2
S-226	13/16	1 9/16	1 3/8	3
S-228	7/8	1 5/8	1 7/16	3 1/4
S-232	1	1 11/16	1 5/8	4 1/4
S-234	1 1/16	1 3/4	1 3/4	5 5/16

REGULAR LENGTH—12-POINT SOCKETS

S-112	3/8	1 3/8	17/32	1 1/8
S-114	7/16	1 3/8	5/8	1 1/8
S-116	1/2	1 3/8	45/64	1 3/16
S-118	9/16	1 13/32	25/32	1 1/8
‡S-118V	9/16	1 11/32	49/64	1 1/4
S-119	19/32	1 3/8	53/64	1 1/4
S-120	5/8	1 1/2	7/8	1 1/4
S-121	21/32	1 1/2	15/16	1 3/8
S-122	11/16	1 1/2	15/16	1 3/8
S-124	3/4	1 9/16	1 1/16	1 13/16
S-125	25/32	1 9/16	1 1/16	1 3/4
S-126	13/16	1 19/32	1 1/8	2 1/16
S-128	7/8	1 5/8	1 3/16	2 1/4
S-130	15/16	1 21/32	1 1/4	2 3/8
S-132	1	1 23/32	1 3/8	3
S-134	1 1/16	1 3/4	1 7/16	3 1/8
S-136	1 1/8	1 13/16	1 1/2	3 1/4
S-140	1 1/4	1 7/8	1 11/16	4 11/16

‡ Special 6-point for Ford Conn. Rod Nuts—Not replaceable.

EXTRA DEEP—12-POINT SOCKETS

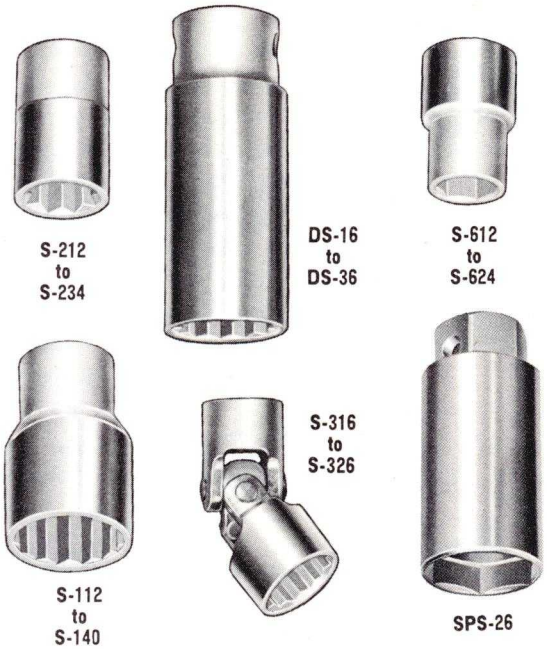
DS-16	1/2	3	47/64	3
DS-18	9/16	3	13/16	2 5/8
DS-20	5/8	3	7/8	2 5/16
DS-22	11/16	3	15/16	3 1/4
DS-24	3/4	3	1 1/16	3 5/16
DS-26	13/16	3	1 1/8	3 1/2
*DS-26S	13/16	3	1 1/32	3 1/8
DS-28	7/8	3 1/4	1 3/16	4 1/16
DS-30	15/16	3 1/4	1 1/4	4 1/4
DS-32	1	3 1/4	1 5/16	5
DS-36	1 1/8	3 5/16	1 1/2	6 13/16

DSH-6 (Bar Handle for DS Sockets)

* Special 6-Pt. thin nose—For new engines—Not replaceable.

SOCKET ADAPTORS

Part Number	Drive Size Female		Drive Size Male	O.A. Length	Wt. Lbs. 10 Pcs.
A-388	1/4	to	3/8	15/16	3/8
A-389	3/8	to	1/4	1	5/8
A-390	1/2	to	3/8	1 27/64	1 3/8
A-391	3/8	to	1/2	1 31/64	1 5/8
A-393	3/4	to	1/2	1 61/64	4
A-394	1/2	to	3/4	1 5/8	2 1/4



*14MM SPARK PLUG HOLDING SOCKET

Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
*SPS-26	13/16	2 1/2	1 1/16	2 3/4

* Has Rubber insert and 3/4" Hex Drive.

REGULAR LENGTH—6-POINT SOCKETS

S-612	3/8	1 3/8	17/32	1 1/16
S-614	7/16	1 3/8	5/8	1
*S-614V	7/16	1 1/2	.662	1 5/16
S-616	1/2	1 3/8	45/64	1 3/16
S-618	9/16	1 3/8	25/32	1 3/16
S-620	5/8	1 1/2	7/8	1 3/8
S-622	11/16	1 9/16	15/16	1 5/8
S-624	3/4	1 9/16	1 1/16	1 15/16

* Special for Cadillac connecting rod nuts—Not replaceable.

FLEXIBLE 12-POINT SOCKETS
Spring Tension Construction

S-316	1/2	2 7/32	1 1/16	2 1/8
S-318	9/16	2 7/32	25/32	2 1/8
S-320	5/8	2 9/32	7/8	2 1/8
S-322	11/16	2 9/32	15/16	2 7/16
S-324	3/4	2 11/32	1	2 1/2
S-326	13/16	2 11/32	1 1/16	2 9/16

SOCKET ADAPTORS

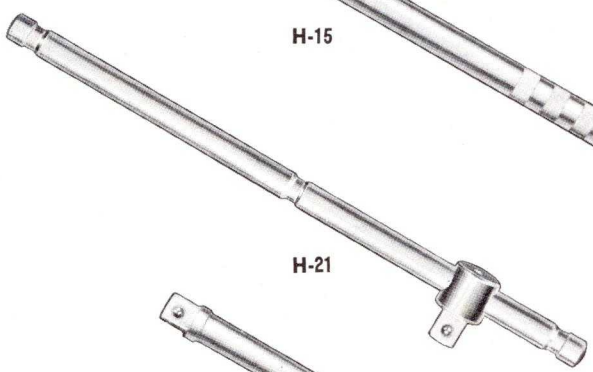
A-388 to A-394

These adaptors permit the use of sockets of one series with the handles of another drive series. Care should be taken not to overload when using large drive handles on small drive sockets.

3/4" SQUARE DRIVE "H" SERIES HEAVY DUTY ATTACHMENTS AND SOCKETS

H-11

H-15



H-21

H-25
H-29
H-31

These VAN-CHROME sockets, handles, and attachments are outstanding for the rugged strength built into their trim design and unusually light weight. Specially selected alloy steels, expertly forged and broached by men of long experience and carefully heat treated in modern furnaces, provide the "lugging power" necessary for the toughest jobs. Heavy chrome plate with heads and ends polished.

H-11 Reversible Ratchet. Exclusive push-button reverse. Direct contact pawl action, 30 teeth for maximum utility. 22" long; weight each 5⅜ lbs.

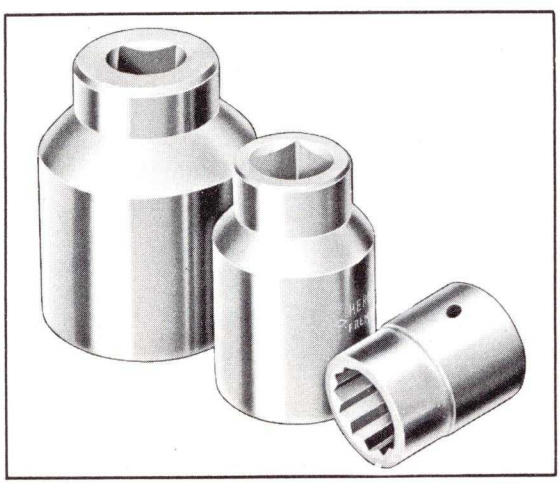
H-15 Flexible Offset Handle. 20½" long; head width 1 49/64"; head thickness 1"; weight each 4 5/16 lbs.

H-21 Sliding T Handle. Positive stops flush to end of handle. 18" long; head length 2⅛"; weight each 2⅝ lbs.

H-25 Extension. 4" long; weight each 1 1/16 lb.

H-29 Extension. 8" long; weight each 1 3/16 lbs.

H-31 Extension. 16" long; weight each 2 3/16 lbs.

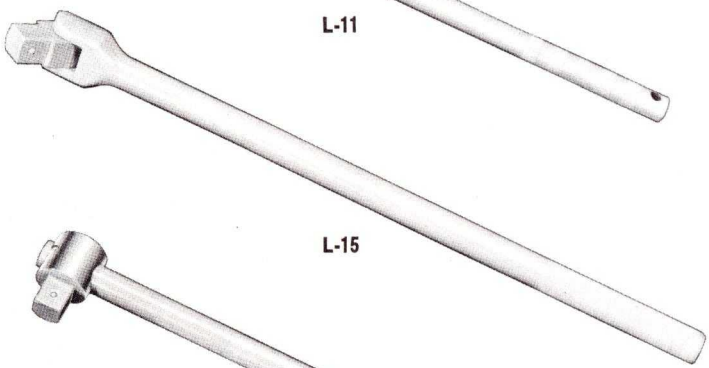


12-POINT SOCKETS—THIN STRAIGHT WALL

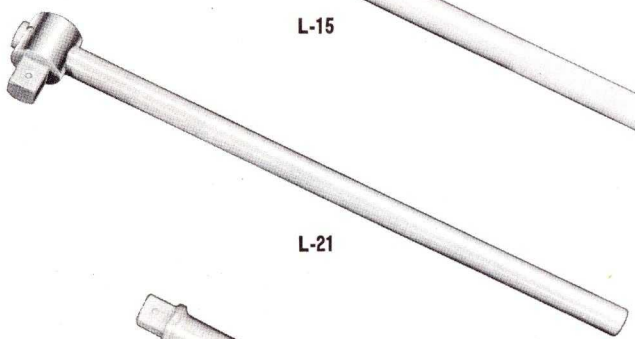
Number	Opening	O.A. Length	O.D. Socket End	Wt. Lbs. 10 Pcs.
H-128	⅞	2	1.275	4½
H-130	15/16	2	1⅜	4¼
H-132	1	2	1 7/16	4¾
H-134	1 1/16	2⅛	1½	5
H-136	1⅛	2 7/32	1 9/16	5⅜
H-138A	1 3/16	2¼	1 11/16	6¼
H-140	1¼	2 5/16	1¾	6⅝
H-142	1 5/16	2 13/32	1 13/16	7⅝
H-144	1⅜	2½	1⅞	8 5/16
H-146	1 7/16	2 9/16	2	9 15/16
H-148	1½	2⅝	2 1/16	10¾
H-152	1⅝	2¾	2¼	13⅛
H-156	1¾	2⅞	2⅜	14¾
H-158	1 13/16	2 31/32	2 15/32	14 9/16
H-160	1⅞	3 1/16	2 9/16	16⅛
H-164	2	3 5/32	2 23/32	19 3/16
H-166	2 1/16	3⅛	2 13/16	28⅛
H-168	2⅛	3 5/16	2 15/16	30
H-170	2 3/16	3 5/16	3	32½
H-172	2¼	3⅜	3 1/16	36¼

1" SQUARE DRIVE "L" SERIES
HEAVY DUTY SOCKETS, HANDLES AND ATTACHMENTS

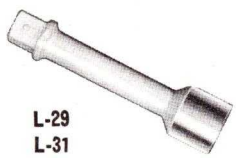
L-11



L-15



L-21



L-29
L-31

Van-Chrome 1" square drive series, handles and sockets, are designed to service heavy construction equipment, shipyard requirements and the machines of heavy industry and transportation. Hot forged high alloy steel, plus scientific heat treatment, to provide strength and durability while at the same time eliminating totally unnecessary dead weight. This combination of strength and light weight in this heavy duty tool makes it the choice of expert mechanics everywhere.

L-11 Reversible Ratchet. 30-tooth action permits 12° swing for use in limited space. Exclusive push button reverse. 22" long; weight each—5⅝ lbs.

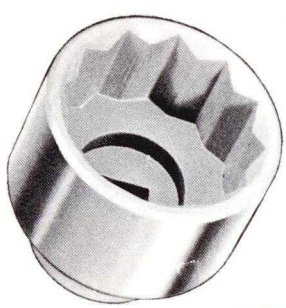
L-15 Flexible Offset Handle. Heavily knurled non-slip handle, 24½" long, weight each—8¼ lbs.

L-21 Sliding T Handle. 23" long; weight each—6⅛ lbs.

L-29 Extension. 8" long; weight each—2⅜ lbs.

L-31 Extension. 17" long; weight each—4⅜ lbs.

Herbrand's 1" drive series is built to provide the durability, power and brute strength required for really tough man-sized jobs. Scientifically forged and heat-treated high alloy steel components make this series indispensable on big, heavy duty work. Triple plated, chrome finish.



L-46
to
L-100

1" DRIVE SOCKETS

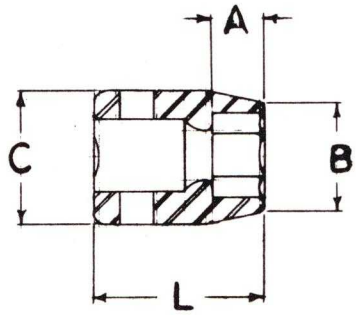
12 POINT, COUNTERSUNK OPENINGS

Number	Opening	O.A. Length	O.D. Socket End	Wt. Ea. Lbs.
L-46	1 7/16	2½	2	⅞
L-48	1½	2 19/32	2⅛	1 3/16
L-52	1⅝	2 11/16	2¼	1¼
L-54	1 11/16	2 25/32	2⅜	1⅝
L-56	1¾	2 27/32	2½	1¾
L-58	1 13/16	2	2 9/16	1¾
L-60	1⅞	2 31/32	2⅝	2 3/16
L-64	2	3 1/16	2¾	2 5/16
L-68	2⅛	3 3/32	2 29/32	2⅜
L-70	2 3/16	3⅛	3	2¾
L-72	2¼	3 7/32	3	2 13/16
L-74	2 5/16	3 9/32	3⅛	2⅞
L-76	2⅜	3 5/16	3 9/32	3¼
L-78	2 7/16	3⅜	3 5/16	3 3/16
L-80	2½	3⅜	3⅜	3⅛
L-82	2 9/16	3 17/32	3⅜	3¼
L-84	2⅝	3 19/32	3 15/32	3½
L-88	2¾	3 11/16	3¾	4⅝
L-94	2 15/16	3¾	3 31/32	5⅜
L-96	3	3¾	4 1/16	5½
L-100	3⅛	3 29/32	4¼	6½

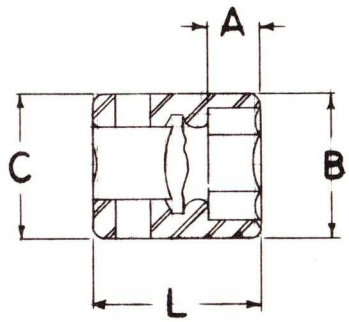
HERBRAND POWER IMPACT SOCKETS

HERBRAND VAN-CHROME SOCKETS

All HERBRAND sockets are made to exact engineering formulas developed from long experience in the manufacture of tools. Special analysis alloy steels—hot broached teeth provide strong sharply defined surfaces for close, accurate fit. Scientifically controlled hardening processes build in greater strength and durability. There is *no better socket made* for the professional mechanic.

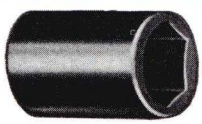


TAPERED SOCKET



STRAIGHT SOCKET

3/8"

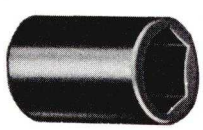


REGULAR LENGTH

Federal Spec. GGG-W-660 Type I, Class I, Style A.

Part No.	Size	"A" Broach Depth	"B" Socket End O.D.	"C" Max. O.D.	"L" O.A. Length
* PJ-612	3/8	9/32	35/64	11/16	7/8
* PJ-614	7/16	9/32	41/64	11/16	7/8
PJ-616	1/2	9/32	3/4	3/4	7/8
PJ-618	9/16	9/32	51/64	51/64	7/8
PJ-620	5/8	9/32	7/8	7/8	7/8

1/2"

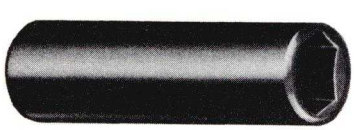


REGULAR LENGTH

Federal Spec. GGG-W-660 Type I, Class I, Style A.

Part No.	Size	"A" Broach Depth	"B" Socket End O.D.	"C" Max. O.D.	"L" O.A. Length
* PS-612	3/8	5/16	39/64	7/8	1 1/2
* PS-614	7/16	11/32	11/16	7/8	1 1/2
* PS-616	1/2	3/8	49/64	15/16	1 1/2
* PS-618	9/16	7/16	55/64	15/16	1 1/2
* PS-620	5/8	1/2	15/16	1	1 1/2
PS-622	11/16	9/16	1 1/64	1 1/64	1 1/2
PS-624	3/4	19/32	1 7/64	1 7/64	1 1/2
PS-626	13/16	19/32	1 3/16	1 3/16	1 1/2
PS-628	7/8	21/32	1 17/64	1 17/64	1 1/2
PS-630	15/16	3/4	1 3/8	1 3/8	1 3/4
PS-632	1	3/4	1 7/16	1 7/16	1 3/4
PS-634	1 1/16	7/8	1 33/64	1 33/64	2
PS-636	1 1/8	7/8	1 39/64	1 39/64	2
PS-638	1 3/16	7/8	1 11/16	1 11/16	2
PS-640	1 1/4	15/16	1 49/64	1 49/64	2

1/2"



DEEP LENGTH

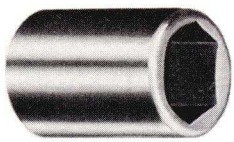
Federal Spec. GGG-W-640 Type I, Class I, Style B.

Part No.	Size	"A" Broach Depth	"B" Socket End O.D.	"C" Max. O.D.	"L" O.A. Length
* PSD-612	3/8	5/16	39/64	7/8	3 1/4
* PSD-614	7/16	11/32	11/16	7/8	3 1/4
* PSD-616	1/2	3/8	49/64	15/16	3 1/4
* PSD-618	9/16	7/16	55/64	15/16	3 1/4
* PSD-620	5/8	1/2	15/16	1	3 1/4
PSD-622	11/16	9/16	1 1/64	1 1/64	3 1/4
PSD-624	3/4	19/32	1 7/64	1 7/64	3 1/4
PSD-626	13/16	19/32	1 3/16	1 3/16	3 1/4
PSD-628	7/8	21/32	1 17/64	1 17/64	3 1/2
PSD-630	15/16	3/4	1 3/8	1 3/8	3 1/2
PSD-632	1	3/4	1 7/16	1 7/16	3 1/2

*DENOTES TAPERED SOCKETS

HERBRAND POWER IMPACT SOCKETS

5/8"

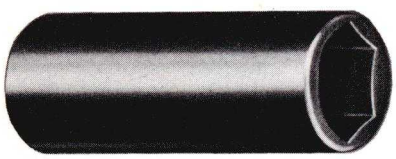


REGULAR LENGTH

Federal Spec. GGG-W-640 Type I, Class I, Style A.

Part No.	Size	"A" Broach Depth	"B" Socket End O.D.	"C" Max. O.D.	"L" O.A. Length
*PE-616	1/2	3/8	55/64	1 1/4	1 1/2
*PE-618	9/16	7/16	59/64	1 1/4	1 1/2
*PE-620	5/8	1/2	63/64	1 1/4	1 1/2
*PE-622	11/16	9/16	1 3/32	1 1/4	1 3/4
*PE-624	3/4	19/32	1 3/16	1 1/4	1 3/4
PE-626	13/16	39/64	1 1/4	1 1/4	1 3/4
PE-628	7/8	21/32	1 5/16	1 5/16	1 3/4
PE-630	15/16	3/4	1 13/32	1 13/32	2
PE-632	1	3/4	1 1/2	1 1/2	2
PE-634	1 1/16	7/8	1 9/16	1 9/16	2
PE-636	1 1/8	7/8	1 11/16	1 11/16	2
PE-638	1 3/16	7/8	1 3/4	1 3/4	2
PE-640	1 1/4	15/16	1 13/16	1 13/16	2 1/8
PE-642	1 5/16	1	1 15/16	1 15/16	2 1/8
PE-644	1 3/8	1 1/32	2	2	2 1/4

5/8"

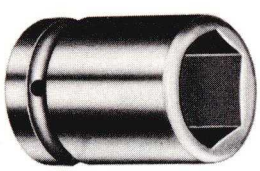


DEEP LENGTH

Federal Spec. GGG-W-640 Type I, Class I, Style B.

*PED-618	9/16	7/16	59/64	1 1/4	3 1/2
*PED-620	5/8	1/2	63/64	1 1/4	3 1/2
*PED-622	11/16	9/16	1 3/32	1 1/4	3 1/2
*PED-624	3/4	19/32	1 3/16	1 1/4	3 1/2
PED-626	13/16	39/64	1 1/4	1 1/4	3 1/2
PED-628	7/8	21/32	1 5/16	1 5/16	3 1/2
PED-630	15/16	3/4	1 13/32	1 13/32	3 1/2
PED-632	1	3/4	1 1/2	1 1/2	3 1/2
PED-634	1 1/16	7/8	1 9/16	1 9/16	3 1/2
PED-636	1 1/8	7/8	1 11/16	1 11/16	3 1/2
PED-638	1 3/16	7/8	1 3/4	1 3/4	3 1/2
PED-640	1 1/4	15/16	1 13/16	1 13/16	3 1/2
PED-642	1 5/16	1	1 15/16	1 15/16	3 1/2
PED-644	1 3/8	1 1/32	2	2	3 1/2

3/4"

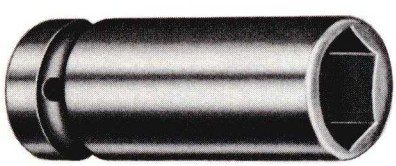


REGULAR LENGTH

Federal Spec. GGG-W-640 Type I, Class I, Style A.

*IH-624	3/4	19/32	1 1/4	1 5/8	2 1/4
*IH-626	13/16	39/64	1 3/8	1 5/8	2 1/4
*IH-628	7/8	21/32	1 1/2	1 5/8	2 1/4
*IH-630	15/16	3/4	1 9/16	1 5/8	2 3/8
IH-632	1	3/4	1 5/8	1 5/8	2 3/8
IH-634	1 1/16	7/8	1 11/16	1 11/16	2 1/2
IH-636	1 1/8	7/8	1 3/4	1 3/4	2 1/2
IH-638	1 3/16	7/8	1 7/8	1 7/8	2 1/2
IH-640	1 1/4	15/16	2	2	2 5/8
IH-642	1 5/16	1	2 1/16	2 1/16	2 5/8
IH-644	1 3/8	1 1/32	2 1/8	2 1/8	2 3/4
IH-646	1 7/16	1 1/16	2 1/4	2 1/4	2 3/4
IH-648	1 1/2	1 1/8	2 5/16	2 5/16	2 3/4

3/4"

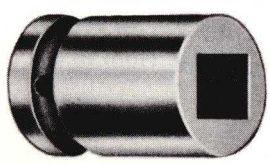


DEEP LENGTH

Federal Spec. GGG-W-640 Type I, Class I, Style B.

*IHD-624	3/4	19/32	1 1/4	1 5/8	3 1/2
*IHD-626	13/16	39/64	1 3/8	1 5/8	3 1/2
*IHD-628	7/8	21/32	1 1/2	1 5/8	3 1/2
*IHD-630	15/16	3/4	1 9/16	1 5/8	3 1/2
IHD-632	1	3/4	1 5/8	1 5/8	3 1/2
IHD-634	1 1/16	7/8	1 11/16	1 11/16	3 1/2
IHD-636	1 1/8	7/8	1 3/4	1 3/4	3 1/2
IHD-638	1 3/16	7/8	1 7/8	1 7/8	3 1/2
IHD-640	1 1/4	15/16	2	2	3 3/4
IHD-648	1 1/2	1 1/8	2 5/16	2 5/16	3 3/4

3/4"



BUDD WHEEL SOCKET
REGULAR LENGTH

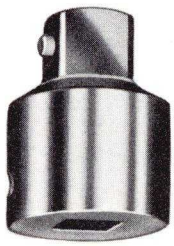
Federal Spec. GGG-W-640
Type II, Class III, Style A.

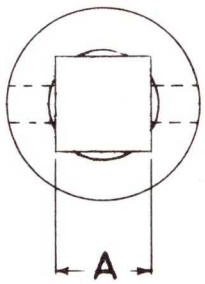
IH-426	13/16	9/16	1 5/8	1 5/8	2 1/4

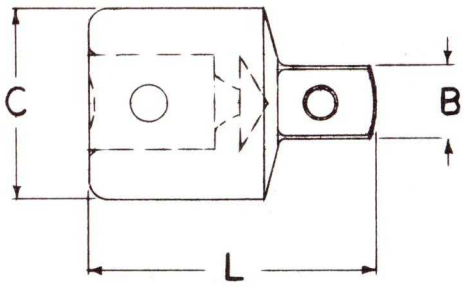
*DENOTES TAPERED SOCKETS

HERBRAND POWER IMPACT ADAPTERS AND EXTENSIONS

ADAPTERS



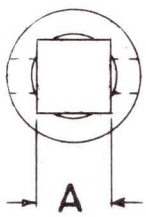


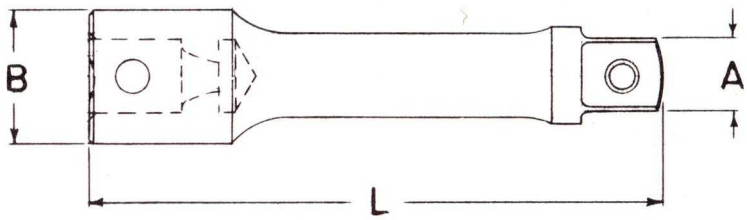


Part No.	"A" Female Drive	"B" Male Drive	"C" Max. O.D.	"L" O.A. Length
PA-1216	3/8	1/2	1	1 1/2
PA-1612	1/2	3/8	1	1 1/2
PA-2016	5/8	1/2	1 1/8	1 7/8
PA-2416	3/4	1/2	1 5/8	2 5/32

Federal Spec. GGG-W-640 Type III.

EXTENSIONS





Part No.	"A" Square Drive	"B" Max. O.D.	"L" O.A. Length
PJ-3	3/8	11/16	3
PJ-6	3/8	11/16	6
PS-5	1/2	1 1/16	5
PS-10	1/2	1 1/16	10
IH-4	3/4	1 5/8	3 1/2
IH-10	3/4	1 5/8	10

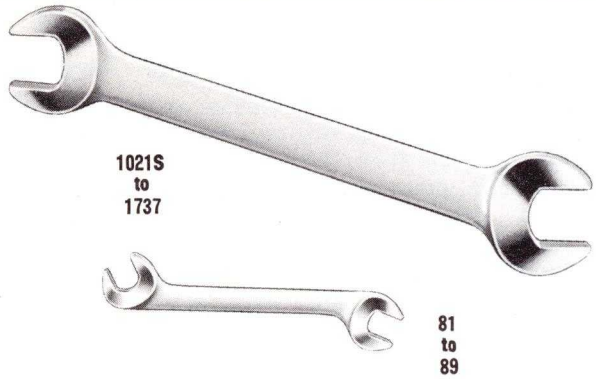
Federal Spec. GGG-W-640 Type II.

PINS AND "O" RINGS

Part No.	Outside Dia.	Length	Used On
IHP-1044	3/16	1 3/8	IH-624 THRU IH-642, IHD-624 THRU IHD-640, IH-4, IH-10, PA-2416
IHP-1060	3/16	1 7/8	IH-644 THRU IH-648, IHD-648

Part No.	Inside Dia.	Section Dia.	Used On
IHO-1148	1 1/2	3/16	IH-624 THRU IH-642, IHD-624 THRU IHD-640, IH-4, IH-10, PA-2416
IHO-1164	2	3/16	IH-644 THRU IH-648, IHD-648

'VAN-CHROME' OPEN END WRENCHES
MIDGET, OBSTRUCTO, ENGINEER AND TAPPET

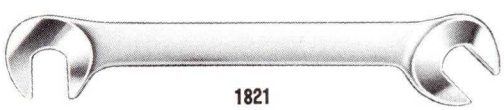


MIDGET OPEN END WRENCHES

"Van-Chrome" midget wrenches make easy those small tricky jobs found in ignition systems, radio, carburetor, etc. Drop forged from selected alloy steel, each head is set at a different angle assuring accessibility under all conditions. Chrome plated and polished.

Wrench Number	Size Openings 15° Angle	Size Openings 60° Angle	Thickness Heads	O.A. Length	Wt. Lbs. 10 Pcs.
*80					
81	13/64	15/64	7/64	3	1/4
82	15/64	13/64	7/64	3	1/4
83	7/32	1/4	7/64	3	1/4
84	1/4	7/32	7/64	3	1/4
85	9/32	5/16	1/8	3 1/2	3/8
86	5/16	9/32	1/8	3 1/2	3/8
87	11/32	3/8	9/64	4	1/2
88	3/8	11/32	9/64	4	1/2
89	7/16	1/2	11/64	4 1/2	7/8

* **Delco-Remy Distributor Wrench.** 1/4" openings at 7° and 82°, 3 1/16" long, head .098" thick; weight per 10—1/4 lb. (Seats firmly on head of terminal screw regardless of head position inside distributor housing.)



OBSTRUCTO WRENCHES
(45° and 90° Heads)

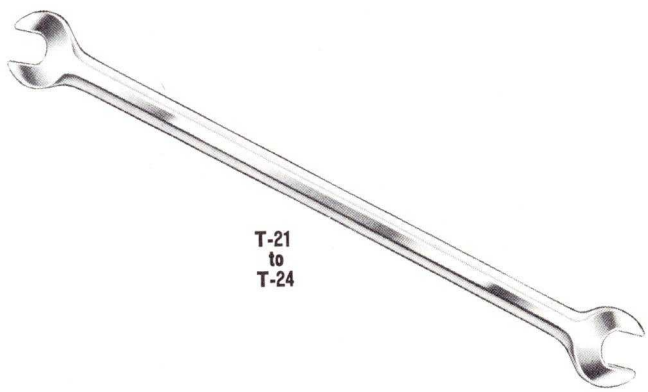
Thin heads, perfect angles for fast turning of hard to reach bolts. Chrome plated alloy steel. Heads polished.

Wrench Number	Openings	Thickness Heads	O.A. Length	Wt. Lbs. 10 Pcs.
1821	3/8	11/64	5 1/2	15/16
1823	7/16	11/64	5 1/2	7/8
1825	1/2	13/64	6 1/2	1 5/8
1827	9/16	13/64	6 1/2	1 3/4
1829	5/8	15/64	7 1/2	2 7/16
1831	3/4	15/64	7 1/2	2 13/16

ENGINEER WRENCHES
(15° Angle Heads)

Forged from finest alloy steels. Narrow heads and pointed jaws for maximum clearance. Accurately machined openings. Chrome plated, heads polished.

Wrench Number	Nominal Openings	Thickness Heads	O.A. Length	Wt. Lbs. 10 Pcs.
1021S	1/4 & 5/16	5/32	3 1/2	7/16
1721	5/16 & 3/8	3/16	4 1/2	9/16
1723	3/8 & 7/16	7/32	5	1
1725	7/16 & 1/2	7/32	5 3/4	1 3/16
1725B	1/2 & 9/16	15/64	6 1/4	1 11/16
1727	9/16 & 5/8	17/64	6 3/4	2 1/8
1027	19/32 & 11/16	9/32	7 1/2	2 3/4
1027B	5/8 & 11/16	9/32	7 1/2	2 3/4
1729	5/8 & 3/4	19/64	7 3/4	3 3/16
1029	11/16 & 25/32	5/16	8 1/4	3 3/4
1731	3/4 & 13/16	11/32	9	4 9/16
1731A	3/4 & 7/8	11/32	9	4 9/16
1033A	7/8 & 15/16	3/8	10 1/4	7 1/4
1733	7/8 & 1	3/8	10 1/4	6 7/8
1033C	15/16 & 1	13/32	11	8 5/8
1034A	15/16 & 1 1/16	13/32	11	8 9/16
1735	1 & 1 1/8	15/32	12 1/2	12 5/8
1037	1 1/16 & 1 1/4	15/32	12 1/2	12 5/16
1737	1 1/8 & 1 1/4	1/2	12 3/4	15 1/4

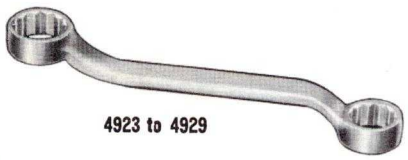


MASTER TAPPET WRENCHES
(15° Angle Heads)

"Master" tappet wrenches are feather-light and exceptionally strong. Modern, balanced design for speedy, accurate tappet adjustments. Ultra thin, narrow heads operate easily in close quarters. Long, rapier like handles permit one hand use of two wrenches. Selected alloy steel, drop forged and carefully hardened, especially for tappet work. Chrome plated and polished.

Wrench Number	Size Openings	Thickness Heads	O.A. Length	Wt. Lbs. 10 Pcs.
T-21	7/16 & 1/2	5/32	9 1/2	1 1/2
T-22	1/2 & 9/16	11/64	9 1/2	1 15/16
T-23	5/8 & 11/16	3/16	9 1/2	2 1/2
T-24	3/4 & 7/8	13/64	9 1/2	3 7/16

'VAN-CHROME' WRENCHES–SHORT ULTRA BOX, LONG ULTRA BOX, SPECIAL BOX, MIDGET BOX AND RATCHET BOX

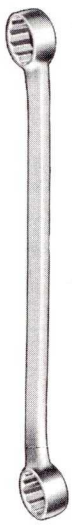


4923 to 4929

4623 to 4629

5733

276

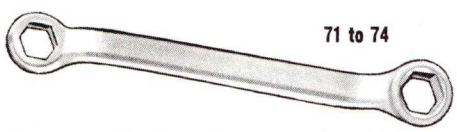


5923 to 5931

SPECIAL BOX WRENCHES

276 **Battery and Starter Wrench.** 9/16" and 5/8" 12-point openings. Special designed heads for firm grip on terminals and starter nuts. 6" long; weight per 10, 2 lbs. Chrome plated, polished heads.

5733 **Automatic Transmission Drain Plug Wrench.** 7/8" and 1" 12-point openings. Drop forged alloy steel—heads at 15° angle offset—chrome plated and polished. 16 1/8" long; weight per 10—9 3/8 lbs.



71 to 74

MIDGET—6-Point Double Offset Heads

Ideal for ignition, carburetor, television, refrigerator and all other small delicate work. Alloy steel, drop forged, accurately broached and tempered. Chrome plated, heads polished.

Wrench Number	Size Openings	O.D. Heads	O.A. Length	Wt. Lbs. 10 Pcs.
71	3/16 & 13/64	19/64 & 21/64	2 7/8	1/4
72	7/32 & 15/64	11/32 & 3/8	3 1/8	1/4
73	1/4 & 9/32	25/64 & 27/64	3 3/8	3/8
74	5/16 & 11/32	29/64 & 31/64	3 3/4	1/2

SHORT ULTRA BOX WRENCHES

Double Offset Pattern—45° Angle

Herbrand short box wrenches are of a new improved offset head design. Provide greater utility and clearance. Sharply defined teeth with openings countersunk for quick location on bolts. Available now in both 6-point and 12-point openings. Chrome plated heads brightly polished. Drop forged from special alloy steels.

6-POINT OPENINGS

Wrench Number	Size Openings	O.D. Heads	O.A. Length	Wt. Lbs. 10 Pcs.
4623	3/8 & 7/16	35/64 & 5/8	4 3/4	1 1/16
4625	1/2 & 9/16	23/32 & 13/16	5 1/2	1 5/8
4627	5/8 & 11/16	59/64 & 1	6	2 1/4
4629	5/8 & 3/4	57/64 & 1 1/16	6 5/32	. .

12-POINT OPENINGS

4923	3/8 & 7/16	35/64 & 5/8	4 3/4	1 1/16
4925	1/2 & 9/16	23/32 & 13/16	5 1/2	1 5/8
4927	5/8 & 11/16	59/64 & 1	6	2 1/4
4929	5/8 & 3/4	57/64 & 1 1/16	6 5/32	

LONG ULTRA BOX WRENCHES

Single Offset Pattern—15° Angle Head

Forged from toughest alloy steel with extra thin wall 12-point openings. Slim handles with heads at proper offset for maximum utility. No tilt action on hardest pull. Chrome plated, heads polished.

Wrench Number	Size Openings	O.D. Heads	O.A. Length	Wt. Lbs. 10 Pcs.
5923	3/8 & 7/16	37/64 & 21/32	6 1/2	1 1/8
5925	1/2 & 9/16	23/32 & 13/16	7 1/2	1 13/16
5927	9/16 & 5/8	13/16 & 57/64	8 17/32	2 5/16
5929	11/16 & 3/4	63/64 & 1 1/16	9 3/4	3 3/16
5931	13/16 & 7/8	1 5/32 & 1 1/4	11	5 3/16

3823 to 3829

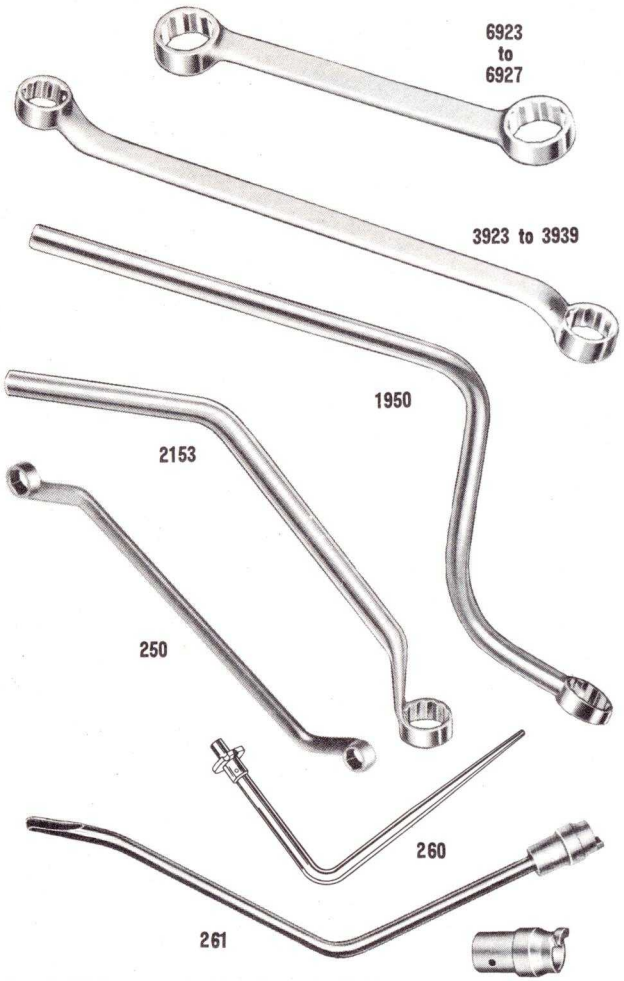
RATCHET BOX WRENCHES

A simple construction "ratchet-action" box wrench series. Invaluable on long studs as well as small confined areas where sockets cannot enter. Laminated construction for greater strength. Small sizes are 6-point openings, large sizes 12-point. Polished chrome finish.

Wrench Number	Size Openings	Thickness Heads	O.A. Length	Wt. Lbs. 10 Pcs.
*3823	3/8 & 7/16	3/8	5 1/2	2 3/16
*3825	1/2 & 9/16	1/2	6 3/4	4 3/8
3827	5/8 & 11/16	1/2	8	6 3/8
3828	5/8 & 3/4	1/2	8	6 1/2
3829	3/4 & 7/8	1/2	9 1/4	7 1/2

* Single hex openings.

'VAN-CHROME' WRENCHES – SINGLE OFFSET, DOUBLE OFFSET AND SPECIAL PURPOSE TOOLS



SHORT-SINGLE OFFSET

15° Angle Offset—12-Point Openings

Forged from finest alloy steel. Extra thin walls on heads for maximum utility in cramped quarters. Chrome plated, heads polished.

Wrench Number	Size Openings	O.D. Heads	O.A. Length	Wt. Lbs. 10 Pcs.
6923	3/8 & 7/16	37/64 & 21/32	4 1/4	3/4
6925	1/2 & 9/16	3/4 & 27/32	5	1 1/16
6927	5/8 & 11/16	59/64 & 1	5 3/4	1 5/8

DOUBLE OFFSET

12-Point Opening

Exclusive center point take off of handles for maximum utility and clearance. Works like a socket on sunken bolts. Handle forged at two special clearance angles. Clears bolt heads yet will not tilt on hard pull. Openings chamferred to facilitate automatic engagement. Made from finest alloy steel. Chrome plated, heads polished.

45° Angle Wrench Number	Size Openings	LONG PATTERN O.D. Heads	O.A. Length	Wt. Lbs. 10 Pcs.
3923	3/8 & 7/16	37/64 & 21/32	7 1/2	1 3/16
3925	1/2 & 9/16	3/4 & 27/32	8 3/4	2 1/16
3927	9/16 & 5/8	27/32 & 59/64	9 1/4	2 9/16
3929	5/8 & 11/16	59/64 & 1 1/32	9 3/4	3 3/8
3931	3/4 & 13/16	1 3/32 & 1 3/16	12 1/2	5
3933	7/8 & 15/16	1 9/32 & 1 3/8	13 3/16	7 11/16
3934	3/4 & 15/16	1 9/32 & 1 3/8	13 3/16	7 11/16
45° Angle		**EXTRA LONG**		
3935	1 & 1 1/16	1 35/64 & 1 5/8	16	13 3/4
3937	1 1/8 & 1 1/4	1 3/4 & 1 29/32	18	25 5/16
3938	1 5/16 & 1 3/8	2 13/64 & 2 9/32	20	34 3/16
3939	1 7/16 & 1 1/2	2 13/64 & 2 9/32	20	32 1/2

SPECIAL PURPOSE TOOLS

Designed to work efficiently on those hard to get at bolts where standard wrenches cannot reach. Alloy steel, chrome plated, heads polished.

250 **Brake bleeder Wrench.** Deep offset one end bleeds—other end adjusts Up to 1956 Models of Chrysler Products recessed bleeder screens and most other makes. 6-point boxes. 3/8" x 7/16" openings—8 1/2" long. Weight per 10—1 7/8 lbs.

255 **Chrysler Center Plane Adjusting Wrench.** A new brake adjusting wrench. Has a 7/16"—6 point opening and is 12" long. Extra length of offset provides clearance around oversize tires. Special Alloy Steel. Weight per 10—4 3/16 lbs.

260 **Center Plane Brake Tool.** Use to remove and replace brake shoe spring in new Chrysler Corp. line of cars. Slot in socket end to remove spring. Tapered end to replace. 8" long—4" offset. Weight per 10—2 1/2 lbs.

261 New tool for brake spring removal and replacement—length 11 1/4". Weight per 10—4 lbs.

1940 **Half Moon.** 5/8" and 3/4" Starter and Manifold.

1950 **Chevrolet Starter Wrench.** All 6 cylinder Models from 1949.

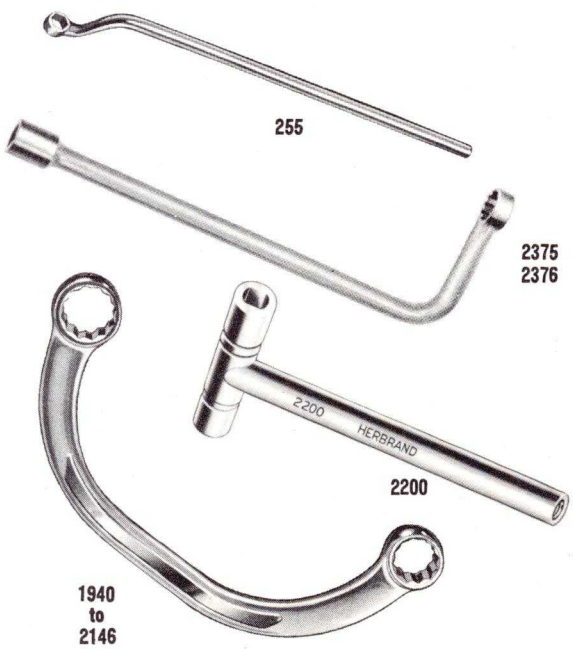
2146 **Half Moon.** 9/16" and 5/8" starter and manifold.

2153 **Cadillac and Oldsmobile Special Spark Plug Wrench.** Removes plug directly under generator on new engines without moving generator. Weight per 10 pieces—6 1/4 lbs.

2200 **Shock Absorber Tool.** For GM, Ford, and Chrysler cars. T-ends fit over bayonet. Threaded end pulls shock absorber through spring.

2375 **Ford Distributor Wrench—also Lincoln and Mercury.** For models up to 1956 1/2" box—3/8" drive. Weight per 10—4 3/8 lbs.

2376 **Buick and Chevrolet V-8 Distributor Wrench.** 9/16" Box— 3/8" Drive. Use with 3/8" Drive Socket handles to clear any under-hood obstruction. Weight per 10—5 lbs.



NEW "HEX-FIT" LONG "L" SERIES COMBINATION WRENCHES WITH HEX STYLE OPEN END—6 & 12 POINT BOX

"HEX-FIT"

FITS THE HEX AS AN END WRENCH SHOULD!

The "HEX-FIT" "L" series is a completely new combination wrench offering the mechanic the ultimate in tool performance.

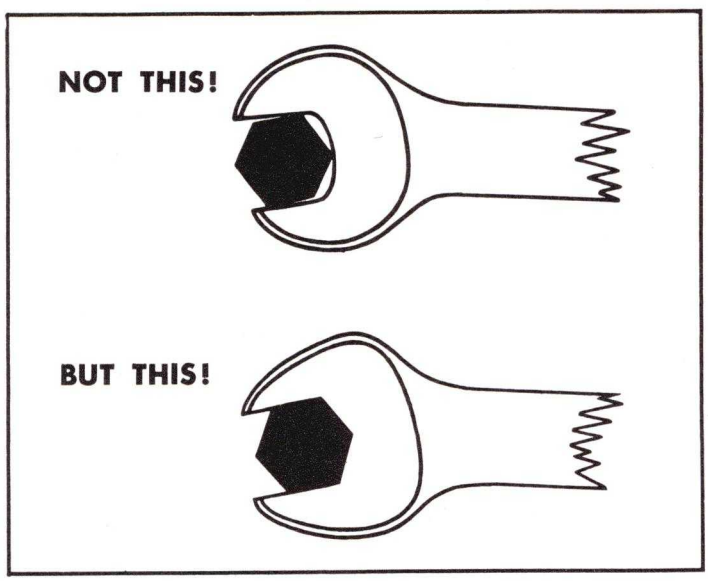
Several important features of the Herbrand "HEX-FIT" series include the new longer length which, combined with the remarkable thin, yet strong body design provides excellent leverage and perfect balance. The modern designed trim style box end is forged from the center line on a 15 degree angle! NOT bent after forging like ordinary wrenches!

Precision milled open ends and broached box ends are sharp, clean and very accurate for perfect gripping of all nuts and bolts.

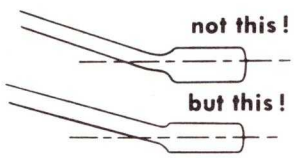
Open end heads are narrow shaped and thin to allow access where clearance is a problem due to obstruction or limited openings.

Adaptable to all repair and maintenance work the "HEX-FIT" "L" series will offer long service to the mechanic and repair man who desires the finest in combination wrenches.

Drop forged from strong alloy steel the "L" series is skillfully hand polished to a jewel rich finish—truly the very best in wrench design.



Box end is forged on a 15% angle from the center line for maximum clearance not bent after forging like ordinary wrenches.



Wrench Number	Size Opening	Box End	Open End	O. A. Length	Wt. Lbs. 10 Pcs.
		Head Diameter			
6-POINT					
1212LH	3/8	19/32	51/64	6 5/8	1 lb.
1214LH	7/16	43/64	15/16	7 1/4	1 lb. 9 oz.
1216LH	1/2	3/4	1 1/16	7 25/32	1 lb. 14 oz.
1218LH	9/16	27/32	1 3/16	8 11/32	2 lb. 6 oz.
1220LH	5/8	15/16	1 5/16	9	2 lb. 13 oz.
1222LH	11/16	1	1 7/16	9 23/32	3 lb. 7 oz.
1224LH	3/4	1 3/32	1 9/16	10 15/32	4 lb.
12-POINT					
1212L	3/8	19/32	51/64	6 5/8	1 lb.
1214L	7/16	43/64	15/16	7 1/4	1 lb. 9 oz.
1216L	1/2	3/4	1 1/16	7 25/32	1 lb. 14 oz.
1218L	9/16	27/32	1 3/16	8 11/32	2 lb. 6 oz.
1220L	5/8	15/16	1 5/16	9	2 lb. 13 oz.
1222L	11/16	1	1 7/16	9 23/32	3 lb. 7 oz.
1224L	3/4	1 3/32	1 9/16	10 15/32	4 lb.
1226L	13/16	1 3/16	1 11/16	11 5/16	6 lb.
1228L	7/8	1 9/32	1 13/16	12 3/16	7 lb. 8 oz.
1230L	15/16	1 3/8	1 15/16	13 1/16	8 lb. 12 oz.
1232L	1	1 15/32	2 1/16	13 15/16	12 lb.
1234L	1 1/16	1 9/16	2 3/16	14 27/32	14 lb.
1236L	1 1/8	1 21/32	2 5/16	15 23/32	17 lb. 8 oz.
1240L	1 1/4	1 27/32	2 9/16	16 1/2	20 lb. 8 oz.
EXTRA LONG					
1242N	1 5/16	1 13/16	2 9/16	18	20 1/2
1246N	1 7/16	2 3/32	3	21	35

"HEX-FIT" 7 PIECE COMBINATION WRENCH SET 6 POINT OPENING Set No. 1291LR

Includes one each 1212LH (3/8"), 1214LH (7/16"), 1216LH (1/2"), 1218LH (9/16"), 1220LH (5/8"), 1222LH (11/16") and 1224LH (3/4"). Wrenches are contained in a sturdy vinyl roll.

Set No. 1291LB (same set in fiber box only).

"HEX-FIT" 7 PIECE COMBINATION WRENCH SET 12 POINT OPENING Set No. 1292LR

Includes one each 1212L (3/8"), 1214L (7/16"), 1216L (1/2"), 1218L (9/16"), 1220L (5/8"), 1222L (11/16"), and 1224L (3/4"). Wrenches are contained in a sturdy vinyl roll.

Set No. 1292LB (same set in fiber box only).

NEW "HEX-FIT" SHORT "S" SERIES COMBINATION WRENCHES WITH HEX STYLE OPEN END—6 & 12 POINT BOX

"HEX-FIT"

FITS THE HEX AS AN END WRENCH SHOULD!

Herbrand completes the "HEX-FIT" combination wrench family with these new short series wrenches. The Short length combination wrenches fit the hand for easy entry into those hard-to-reach places where longer wrenches cannot be used.

Designed with the same head shape and rapier-thin handles as the long series, the short wrenches handle a multitude of jobs where time and speed are important.

Herbrand "HEX-FIT" short series combination wrenches are forged from the center line on a 15° angle, with precision milled open ends and clean broached box ends. All short series wrenches are made of strong alloy steel and fully polished.

3 SEVEN-PIECE SETS 3/8" to 3/4"
1283SR: 6-point openings
1284SR: 12-point openings
1285SR: 4,6-point, 3,12-point openings

SHORT SERIES

Wrench	Size	Head Diameter Box	Head Diameter Open.	O.A.L.	Wt. Lbs. 10 Pcs.
12-POINT					
1212S	3/8	39/64	13/16	4 11/16	3/4 lb.
1214S	7/16	43/64	29/32	5 3/16	1 lb.
1216S	1/2	3/4	1 1/32	5 11/16	1 1/3 lb.
1218S	9/16	27/32	1 5/32	6 7/32	1 7/8 lb.
1220S	5/8	15/16	1 9/32	6 27/32	2 1/3 lb.
1222S	11/16	1	1 13/32	7 15/32	2 3/4 lb.
1224S	3/4	13/32	1 17/32	8 1/8	3 1/3 lb.
6-POINT					
1212SH	3/8	39/64	13/16	4 11/16	3/4 lb.
1214SH	7/16	43/64	29/32	5 3/16	1 lb.
1216SH	1/2	3/4	1 1/32	5 11/16	1 1/3 lb.
1218SH	9/16	27/32	1 5/32	6 7/32	1 7/8 lb.
1220SH	5/8	15/16	1 9/32	6 27/32	2 1/3 lb.
1222SH	11/16	1	1 13/32	7 15/32	2 3/4 lb.
1224SH	3/4	1 3/32	1 17/32	8 1/8	3 1/3 lb.

All Tool Sets and Tool Rolls in Section 11

1323 to 1327

DOUBLE END FLARE NUT WRENCHES

Designed for maximum utility and efficiency on tubes, wires or "soft fittings". Handle takes off mid-point of head for depth clearance—6 points for strength and non burr action. Heads forged at 15° angle for knuckle clearance and ease of entry around obstructions. Openings chamferred for quick locating on nut. Alloy steel, chrome plated, heads polished.

Wrench Number	Size Openings	O.D. Head	O.A. Length	Weight Lbs. 10 Pcs.
1323	3/8 & 7/16	39/64 & 23/32	5 1/2	1 1/16
1325	1/2 & 9/16	13/16 & 29/32	6 5/16	1 1/2
1327	5/8 & 11/16	31/32 & 1 1/16	7 1/8	2 11/16

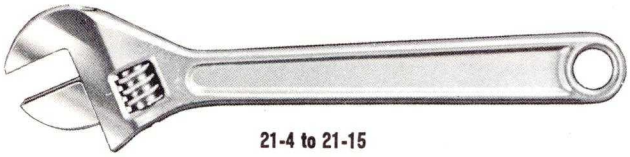
6823 to 6827

MULTIFLEX BOX WRENCHES

Flexible head action permits easy use in awkward positions impossible to handle with ordinary type wrenches. Chrome plated, heads polished.

Wrench Number	Openings	Head Diameters	O.A. Length	Wt. Lbs. 10 Pcs.
6823	3/8 & 7/16	9/16 & 5/8	7 5/8	2 5/16
6825	1/2 & 9/16	3/4 & 13/16	8 7/8	4 1/4
6827	5/8 & 3/4	7/8 & 1 1/16	9 7/16	6 5/16

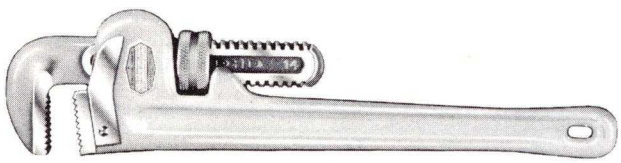
'VAN-CHROME' WRENCHES – ADJUSTABLES, PIPE, TORQUE TYPE AND HEX KEY



21-4 to 21-15

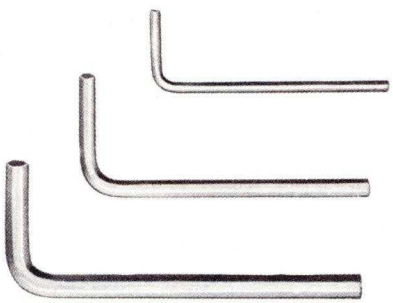
22½° OFFSET

Extra thin tapered jaws permit use where ordinary adjustables will not fit. Full alloy steel forging with special hardening operations. Withstands most rigorous break test. No finer adjustables made. Chrome plated, heads polished.



PW-6 to PW-48

Available in either the standard "straight" or "end offset" series, these wrenches are designed to handle the toughest jobs. All alloy construction with I-Beam open housing handles and drop forged replaceable jaws. Hold perfectly under hardest pull but release easily. Teeth deep full milled. Meet government specifications for heavy duty type wrenches.



AW-2 to AW-12

HEX KEY WRENCHES

Made of selected alloy steel carefully tempered and hardened to withstand the high torque required. Precision manufactured to assure accurate fit on Allen head screws. Parkerized black finish.

Wrench Number	Hex Size	Dimensions	Weight Per 10 Pcs.
AW-2	1/16	1¾ x 11/16	1/3 oz.
AW-2½	5/64	1⅞ x 11/16	2/3 oz.
AW-3	3/32	2 x ¾	¾ oz.
AW-4	⅛	2¼ x ⅞	2 oz.
AW-5	5/32	2 9/16 x 1	4 oz.
AW-6	3/16	2¾ x 1⅛	5 oz.
AW-7	7/32	3⅛ x 1¼	8 oz.
AW-8	¼	3 7/16 x 1¼	12 oz.
AW-10	5/16	3⅞ x 1 9/16	1 lb. 4 oz.
AW-12	⅜	4 5/16 x 1¾	2 lb.

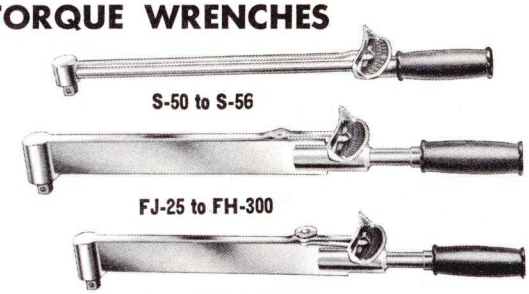
OPEN END ADJUSTABLE WRENCH

Wrench Number	Capacity Inches	Head Thickness Jaw Tip	Head Thickness Back of Jaw	O.A. Length	Wt. Lbs. 10 Pcs.
21-4	½	⅛	5/16	4	1
21-6	¾	3/16	⅜	6	2 9/16
21-8	15/16	15/64	15/32	8	4¾
21-10	1⅛	9/32	9/16	10	8¾
21-12	1 5/16	11/32	11/16	12	14 1/16
21-15	1¾	19/32	31/32	15	29

SUPER STRENGTH PIPE WRENCHES

Straight Number	End Handle Number	Jaw Capacity	Length	Wt. Lbs. Each
PW-6	PWE-6	¾	6	½
PW-8	PWE-8	1	8	¾
PW-10	PWE-10	1½	10	1¾
PW-12	PWE-12	2	12	2¾
PW-14	PWE-14	2	14	3½
PW-18	PWE-18	2½	18	5¼
PW-24	PWE-24	3	24	8¾
PW-36	PWE-36	4½	36	18½
PW-48	.....	6	48	33½

TORQUE WRENCHES



S-50 to S-56

FJ-25 to FH-300

FJS-25 to FHS-300

The most *consistently* accurate of all torque wrenches by actual test. Now available in three patterns! Two visual signal types. The "S" series "round beam" and "F" series "flat beam" plus the new deluxe three-way-signal "reflex action" model. The reflex series differs only in that it provides three methods of signalling the user when desired torque is reached by means of Touch, Sound and Sight.

ROUND BEAM PATTERN

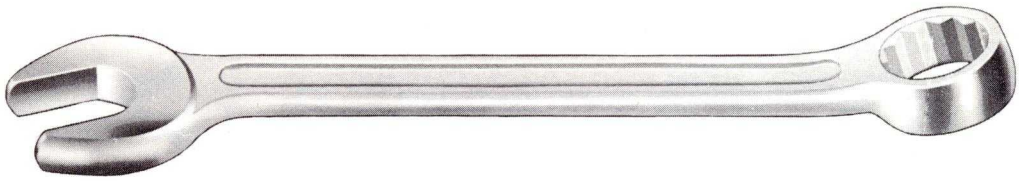
Wrench Number	Foot Lb. Capacity	Foot Lb. Graduations	O. A. Length	Approx. Wt. Lbs.
S-50	0-50	2½	15¾	1¼
S-55	0-100	5	19¼	2
S-56	0-150	5	19¼	2

FLAT BEAM PATTERN

Visual Signal Wrench Number	Reflex Signal Wrench Number	Foot Lbs. Capacity	*Foot Lbs. Graduations	Square Drive	O. A. Length	Approx. Wt. Lbs.
FJ-25	FJS-25	0-25	1	⅜	16	2¾
FS-50	FSS-50	0-50	2½	½	16	2¾
FS-100	FSS-100	0-100	5	½	17½	2¾
FS-150	FSS-150	0-150	5	½	20 5/16	3¾
FS-200	FSS-200	0-200	5	½	28⅝	7¾
FH-300	FHS-300	0-300	10	¾	34¾	10¾

* Inch pound graduations available on special orders.

HERBRAND METRIC WRENCHES & SOCKETS
METRIC COMBINATION WRENCHES—3/8" AND 1/2" METRIC SOCKETS



Wrench Number	Size Openings	Box End	Head Diameter Open End	O. A. Length	Type Opening	Wt. Lbs. 10 Pcs.
1209M	9MM	19/32	57/64	4½	6 Pt.	5/8
1210M	10MM	21/32	29/32	5	6 Pt.	13/16
1211M	11MM	21/32	29/32	5	6 Pt.	13/16
1212M	12MM	25/32	1 1/16	5½	6 Pt.	1 3/16
1214M	14MM	27/32	1 3/16	6	12 Pt.	1 5/16
1217M	17MM	1 1/32	1 3/8	7	12 Pt.	2 1/4
1219M	19MM	1 1/8	1 15/32	8¼	12 Pt.	2 15/16
1221M	21MM	1 3/16	1 11/16	8¾	12 Pt.	3¾
1222M	22MM	1 9/32	1 27/32	10½	12 Pt.	5 5/16

NEW COMBINATION BOX & OPEN END METRIC WRENCHES—6 & 12 Point

These new Metric size combination wrenches cover the most popular range of sizes necessary for servicing foreign cars. NEW THIN STYLE HEADS — PERFECT BALANCE. Open end 22½°, Box end 15°—made of finest forged alloy steel-chrome plated with fully polished heads.

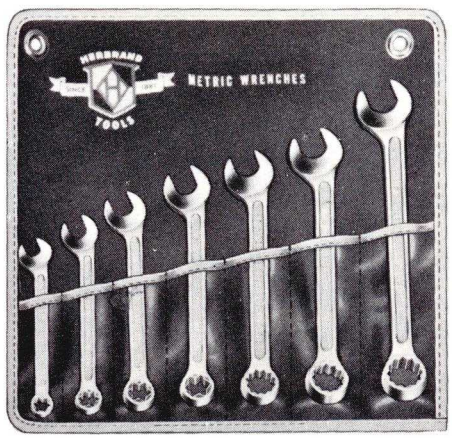
7-PIECE COMBINATION SET NO. 1290-MR METRIC WRENCHES

This handy set in vinyl tool roll solves the problem of servicing foreign make cars. It includes the 7 most popular size metric wrenches from Herbrand's new line of combination wrenches.
Set 1290-MR includes:

1209M (9mm) 6-Pt.
1210M (10mm) 6-Pt.
1211M (11mm) 6-Pt.
1212M (12mm) 6-Pt.
1214M (14mm) 12-Pt.
1217M (17mm) 12-Pt.
1219M (19mm) 12-Pt.

Made from highest quality alloy steel—chrome plated with heads fully polished.

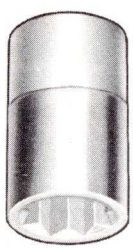
1290-MB (Above set of 7 wrenches in fiber box only)



METRIC SOCKETS 3/8" AND 1/2" DRIVE—REGULAR LENGTH

These metric 3/8" and 1/2" drive sockets are hot forged from specially selected highest quality alloy steels. New thin walled design with extra strength and durability for the tough jobs. Millimeter sizes cover the French, German and Italian cars. See Section 11 for metric sets.

JM-609 to JM-619



SM-111 to SM-132

JM-SERIES—6 POINT—REGULAR LENGTH —3/8" DRIVE

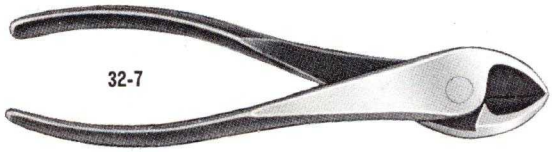
Number	Opening	O. A. L.	O. D. Socket End	Weight Lbs. 10 Pieces
JM-609	9MM	1 1/16	17/32	9/16
JM-610	10MM	1 1/16	39/64	5/8
JM-611	11MM	1 1/16	39/64	5/8
JM-612	12MM	1 1/16	1 1/16	5/8
JM-614	14MM	1 1/16	25/32	¾
JM-617	17MM	1 1/16	15/16	1
JM-619	19MM	1 1/16	1	1 1/8

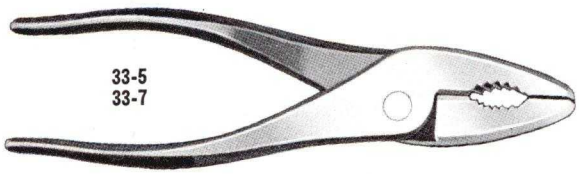
*JA-57M Set of 7 Metric Sockets (JM-609 to JM-619) in Fiber Box.

SM-SERIES—12 POINT—REGULAR LENGTH —1/2" DRIVE

Number	Opening	O. A. L.	O. D. Socket End	Weight Lbs. 10 Pieces
SM-111	11MM	1 3/8	21/32	1
SM-112	12MM	1 3/8	23/32	1 1/16
SM-113	13MM	1 3/8	23/32	1 1/16
SM-114	14MM	1 7/16	25/32	1 1/8
SM-115	15MM	1 7/16	53/64	1 1/8
SM-116	16MM	1 9/16	7/8	1 1/4
SM-117	17MM	1 1/2	15/16	1 1/2
SM-118	18MM	1 9/16	1 1/16	1 15/16
SM-119	19MM	1 9/16	1 1/16	1 7/8
SM-120	20MM	1 19/32	1 1/8	2 1/8
SM-121	21MM	1 19/32	1 1/8	2 1/8
SM-122	22MM	1 5/8	1 3/16	2 3/16
SM-123	23MM	1 21/32	1 1/4	2 7/16
SM-124	24MM	1 21/32	1 1/4	2 5/16
SM-125	25MM	1 23/32	1 3/8	3
SM-126	26MM	1 23/32	1 3/8	2 3/4
SM-127	27MM	1 13/16	1 1/2	3 13/16
SM-128	28MM	1 13/16	1 1/2	3 5/8
SM-129	29MM	1 13/16	1 9/16	3 3/4
SM-130	30MM	1 7/8	1 11/16	5 3/16
SM-132	32MM	1 7/8	1 11/16	4 5/8

MECHANICS PLIERS–DIAGONAL, CUTTING, COMBINATION, NEEDLE NOSE, MULTIGROOVE & VISE GRIP


32-7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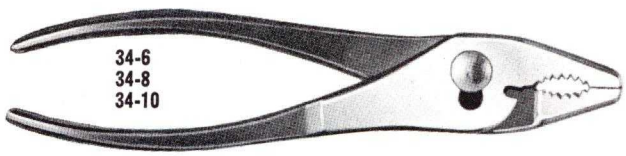
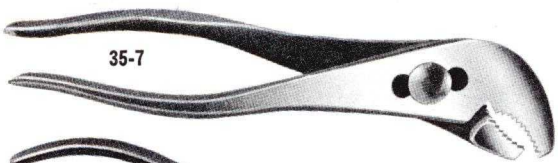
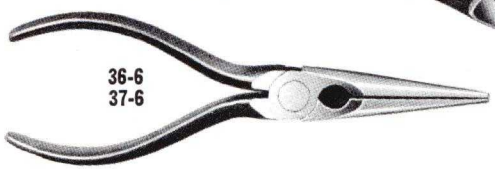
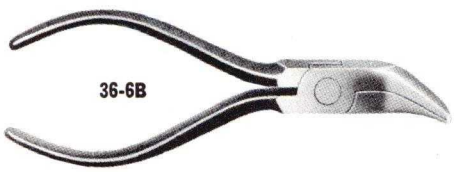
33-7


34-6
34-8
34-10


35-7


36-6
37-6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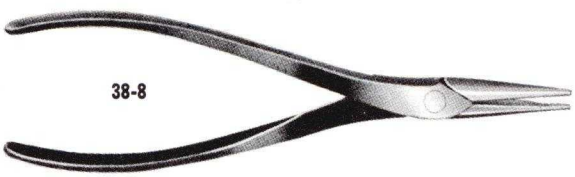
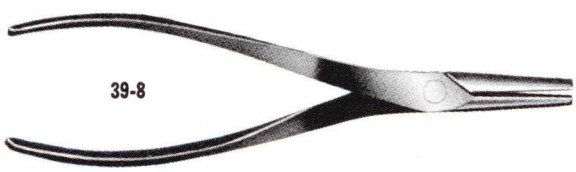

38-8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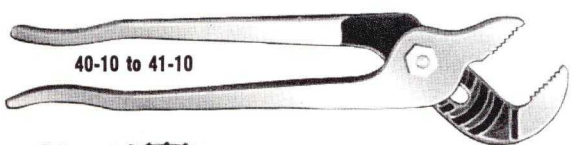
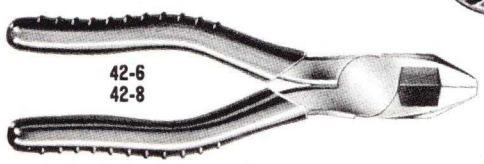

40-10 to 41-10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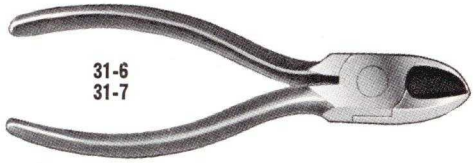
42-8


31-6
31-7

31-6 Diagonal Cutting Pliers. Length 6″, weight per 10—3 5/16 lbs.
31-7 Diagonal Cutting Pliers. Length 7″; weight per 10—4¾ lbs. (The diagonals preferred by professional mechanics. Selected alloy steel. Specially heat treated, diamond hard cutters, hand honed for accuracy. Thin narrow heads. Blued finish, heads machine polished.)

32-7 Heavy Duty Diagonal Pliers. Length 7″; weight per 10 —4 7/16 lbs. (The heavy duty diagonal has the head specially "short-coupled" for extra leverage.)

33-5 Cutting and Gripping Pliers. Length 5½″; weight per 10—2 9/16 lbs.
33-7 Cutting and Gripping Pliers. Length 7″; weight per 10—5 lbs. (All around "general use" pliers. Powerful gripping jaws with hand honed, induction-hardened side cutters. Forged from finest alloy steel. Blued finish with heads machine polished.)

34-6 Heavy Duty Combination Pliers. Length 6″; weight per 10—4⅜ lbs.
34-8 Heavy Duty Combination Pliers. Length 8″; weight per 10—6¾ lbs.
34-10 Heavy Duty Combination Pliers. Length 10″; weight per 10—9 lbs. ("General-use" pliers designed to handle the toughest jobs. Slip joint construction with notch type wire cutters. Forged alloy steel, blued finish with heads machine polished.)

35-7 Angle Nose Gripping Pliers. Length 7″; weight per 10—3¾ lbs. (Thin heads at 45° angle with teeth deep milled, for maximum grip. Three position slip joint construction. Blued finish heads machine polished.)

36-6 Long Needle Nose. (Same construction as 37-6 but without side cutters.)
36-6B Curved Needle Nose. Length 6″; weight per 10—2 13/16 lbs. (Same quality as 36-6 except nose is bent at approximately 79° angle for use on cotter pins or to get around obstructions.)

37-6 Long Needle Nose Pliers with Side Cutter. Length 6″; weight per 10—2 5/16 lbs. (Finest spring-tempered alloy steel. Side cutters hand honed for accurate match. Long thin nose for easy entry in confined spaces. Blued finish with faces machine polished.)

38-8 Long Reach Chain-Nose Pliers. Length 7½″; weight per 10—3⅞ lbs. (Short thin pointed jaws for entry in small spaces; long handles for unusual gripping power. Spring tempered alloy steel. Blued finish, faces machine polished.)

39-8 Long Reach Duck Bill Pliers. Length 7½″; weight per 10—3 lbs. (Powerful gripping short jaws with long bow handles. Popular on ignition, radio and similar work where thin broad nose is required. Blued finish, faces machine polished.)

40-10 Multigroove Slip Joint Pliers. Length 10″; weight per 10—7½ lbs. Blued finish, faces full polished.

41-6 Multigroove Slip Joint Pliers. Length 6″; weight per 10—3 7/16 lbs. Full polished chrome plated.

41-8 Multigroove Slip Joint Pliers. Length 8″; weight per 10—6 9/16 lbs. Full polished chrome plated.

41-10 Multigroove Slip Joint Pliers. Length 10″; weight per 10—7½ lbs. Full polished chrome plated. (New improved-design, interlocking groove type plier. Full range of sizes, drop forged for greater strength from special alloy steels.)

42-6 Lineman Side Cutting Pliers. Length 6″; weight per 10—4⅜ lbs.
42-8 Lineman Side Cutting Pliers. Length 8″; weight per 10—6⅞ lbs. (Drop-forged alloy steel, hand honed perfectly matched side cutters. Insulated handles. Have a place in every mechanic's kit. Highly polished.)

43-8 Vise Grip Pliers. Length overall 8″; jaws open to 1⅜″. Weight per 10—9¾ lbs. (Feature of plier is 8″ length and medium weight preferred by mechanics. Plier has 101 uses around shop. Heavy duty spring and strong non-slip action provides tremendous gripping power. Finger tip release.)

43-8

MECHANICS PLIERS – SPECIAL COMBINATION, MIDGET SLIP JOINT, ELECTRICAL, MULTIGRIP, BATTERY AND LOCK RING

151-S Special Combination Pliers. Length 6″; weight per 10—4¼ lbs. (Select carbon steel, all satin plated finish.)

154 Midget Pliers—Slip Joint. Length 4¾″; weight per 10—1 lb. (Small general utility pliers. Tempered alloy steel, precision made. Light, thin and strong. Full chrome plate, heads polished.)

160 Midget Slip-Joint Plier. Length 5″; weight per 10—1⅞ lbs. (Has thin head—finger grip handles—opens to ¾″. Designed for ignition type work. Chrome plated—special steel.)

165 Midget Pliers—Smooth Rivet. Length 4 7/16″; weight per 10—1½ lbs. (Small general utility pliers. Tempered alloy steel, precision made. Light, thin and strong. Full chrome plate, heads polished.)

166½ Multigrip General Service Pliers. Six position adjustment, capacity 0–1⅝″. Length 9½″; weight per 10—7 lbs. (Most popular of all general duty pliers. Forged from special alloy steel for toughness and durability. Deep full milled teeth, hardened and tempered for long life. Smooth wide handles for comfortable grip and maximum leverage. Chrome plated, heads polished.)

175 Wire Hose Clamp Plier. 7¾″ long. Grooved jaw ends swivel to fit any size wire hose clamp. The finger-tip "position lock" feature enables user to keep wire clamp spread open, and frees both hands. Locks in three positions.

177 Battery Terminal Lifter and Scraper. Length 10½″; weight per 10—8⅝ lbs. (Actual tests have proven this Herbrand exclusive tool to be the fastest and most efficient tool of its kind. The most heavily corroded terminals are easily snapped free without injury to battery or post. Quickly comes apart for use as internal or external scraper. Finest tempered alloy steel. Chrome plated, head polished.)

178 Battery Pliers. Length 7½″; weight per 10—3¾ lbs. (New style hook—nose jaw for sure grip. Thin heads—deep milled teeth. Fitted handles for powerful leverage. Chrome plated.)

182 Brake Spring Pliers. For use where long handles are awkward. Length 8½″; weight per 10—4⅝ lbs.

183 Brake Spring Pliers. Same as 183A except does not include special socket for Bendix type brake.
183A Brake Spring Pliers. Universal Plier. Includes special socket for full coverage of all mechanical and hydraulic brakes. Removes and replaces springs. Length 13½″; weight per 10—8¼ lbs.
183B Brake Spring Pliers. Replacement socket and pin for 183A. (Designed by and for Professional Brake Mechanics. Available in two lengths for full job coverage. Thin narrow points with "Straight-in-line" pull on spring. Forged alloy steel, chrome plated, heads polished.)

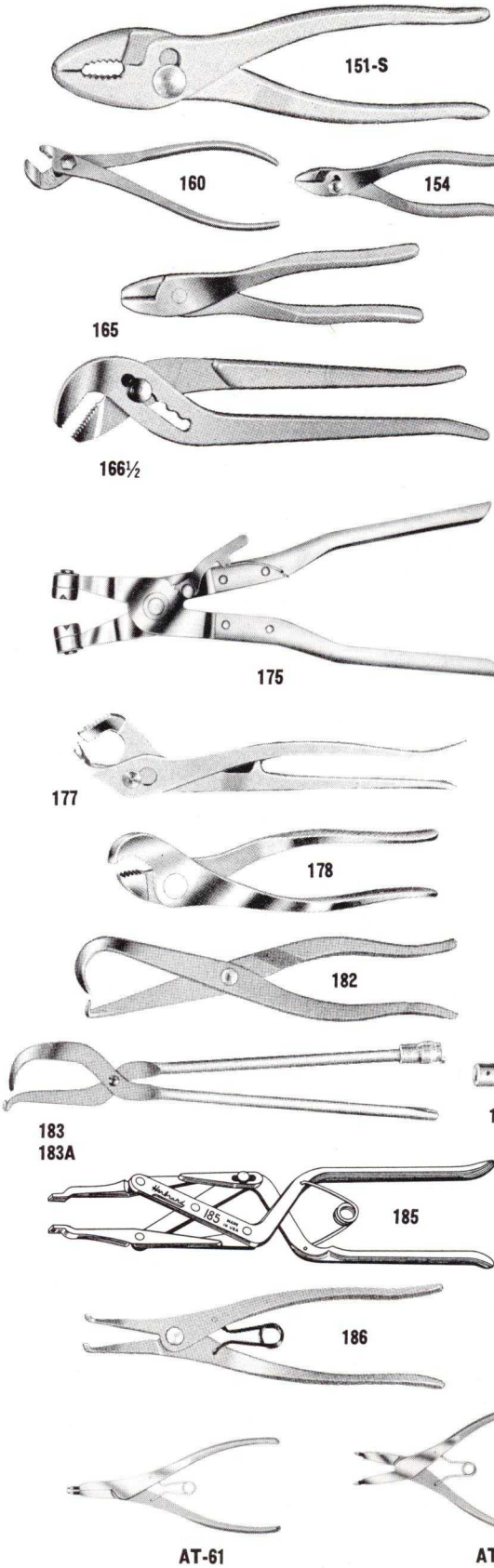
185 Parallel Jaw Lock Ring Plier. Length 10″; weight per 10—5 19/16 lbs. (New design allows larger spread of Jaws to 1⅛″. Plier shape provides maximum working clearance—strong thin nibs have square dimple to hold lock ring. Smooth parallel action.

186 Horse Shoe Lock Ring Pliers. Length 7⅝″; weight per 10—4 lbs. (Designed to spread snap rings of all types used on brakes, transmissions, etc. Nose deeply serrated for firm grip. Tempered alloy steel with wide comfortable handles. Chrome plated.)

188 Chevrolet Huck Brake Spring Compressor. Length 10 13/16″; weight per 10—9¼ lbs. (An exclusive Herbrand tool to speed up the tedious job of compressing springs for removal of washers when replacing linings on huck type brakes. Forged alloy steel, full chrome plate.) (Not illustrated)

AT-60 Internal Snap Ring Plier. For working on automatic transmissions, power steering, and all snap rings. Each plier complete including .045 and .060 straight tips, one pair of 45° .045 tips, and Allen wrench. Chrome plated with full polished nose. All tips easily replaceable.

AT-61 External Snap Ring Plier. Same as AT-60, but for External Snap Rings.

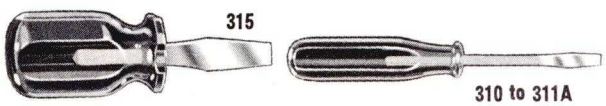


'VAN-CHROME' SCREW DRIVERS, HEX BOLSTER, SLOT, PHILLIPS, T-HANDLE AND CLUTCH HEAD

HEX BOLSTER (Slot Type)

Built for *heavy duty* use. Forged hex bolster on shank for wrenching on tough jobs. Special alloy steel precision forged and ground for accurate fit. Blades full polished entire length. Handles, Virgin Tenite II, fire resistant and shock proof. Exclusive "palm-fit grip."

Number	Bit Width	Blade Length	Bolster Across Flats	Wt. Lbs. 10 Pcs.
291	1/4	4 7/8	1/2	3 1/4
292	5/16	6	1/2	3 3/8
293	3/8	7	9/16	4 3/4
294	3/8	8 7/8	9/16	5 13/16
295	7/16	11	9/16	6 3/16



PROTECTOGRIP (Slot Bit)

The screw driver preferred by mechanics. Selected alloy steel with bits forged with the square (not cross-square) for greater grain refinement of the steel providing toughness and added strength. Careful hardening processes provide long wear and resiliency. Bits accurately ground for perfect non-tilt grip when used on proper size screw. Handles of shock proof Virgin Tenite II of deep special four-flute design and shaped for comfortable, high-torque, non-slip grip.

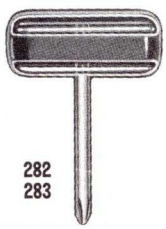
Number	Bit Width	Blade Length	Size Square Stock	Wt. Lbs. 10 Pcs.
310	1/8	2	1/8	3/8
311	1/8	3	1/8	3/8
311A	1/8	5 3/4	1/8	9/16
312	7/32	3	3/16	1 1/8
313	1/4	6	3/16	1 1/2
314	1/4	9 7/8	3/16	1 13/16
315	5/16	1 1/2	1/4	1 1/4
315A	5/16	3 3/4	1/4	2 1/16
316	5/16	5 3/4	1/4	2 1/2
317	5/16	10	1/4	3 5/16
319	7/16	7	5/16	4
320	7/16	12	5/16	5 5/16
321	1/2	6	3/8	4 1/2
322	9/16	12	3/8	7 9/16
323	9/16	16	3/8	9 1/4

Screwdriver Sets in Section 11, Pages 32, 35 of this Catalog

T HANDLE SCREWDRIVER (Slot Bit)

For extra-powerful high-torque turning the "T" handle is "tops." Available in two sizes. Highest quality alloy steel and Virgin Tenite II handles.

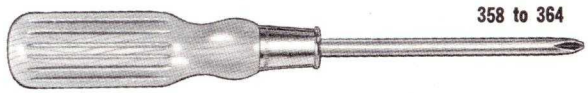
Number	Bit Width	Blade Length	Size Round Stock	Wt. Lbs. 10 Pcs.
285	1/4	2 1/2	1/4	1 3/8
287	3/8	2 9/16	3/8	2



"T" HANDLE PHILLIPS

Special Tenite II "T" Handle high torque drivers for those extra-tough turning jobs. Blades selected alloy steel, bits accurately milled.

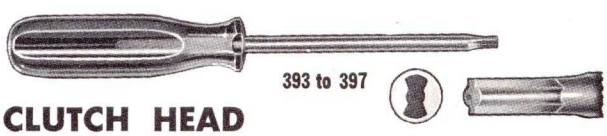
No	Point	Fits Phillips Screws	Blade Length	Blade Diameter	Wt. Lbs. 10 Pcs.
282	2	No. 5 to 9 inc.	2 3/4	1/4	1 5/16
283	3	No. 10 to 16 inc.	2 9/16	5/16	1 7/8



PHILLIPS BIT—WOOD HANDLE

Alloy steel blades—carefully hardened with bits accurately milled. Handles of highest quality hard wood, fully varnished, ferrule nickel plated.

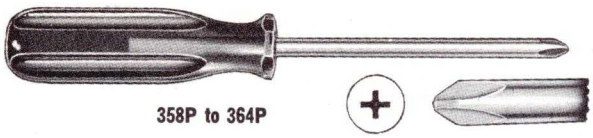
No.	Point	Fits Phillips Screws	Blade Length	Blade Diameter	Wt. Lbs. 10 Pcs.
358	1	No. 4 and smaller	1	3/16	1/2
359	2	No. 5 to 9 inc.	1 1/2	1/4	7/8
361	1	No. 4 and smaller	3	3/16	3/4
362	2	No. 5 to 9 inc.	4	1/4	1 13/16
363	3	No. 10 to 16 inc.	6	5/16	3
364	4	No. 18 and larger	8	3/8	5 3/8



CLUTCH HEAD

The improved design, friction lock, "Type A" tip locks screw to driver for easy starting. Blades of special shock proof alloy steel hardened and drawn for long hard service. Extra large handles of Virgin Tenite II, shaped to provide comfortable grip.

No.	Clutch Size	Blade Length	Blade Diameter	Wt. Lbs. 10 Pcs.
393	5/32	4	1/4	1 3/4
395	1/4	6	5/16	2 3/4
397	5/16	6	3/8	4

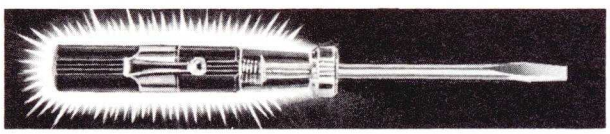


358P to 364P

PHILLIPS BIT-TENITE II HANDLES

There is no finer Phillips screw driver made. Blades are accurately milled from special analysis shock proof alloy steel. Bits are carefully hardened to hold up under hard wear with shanks drawn for toughness. Full polish finish. Handles are extra large deep fluted Tenite II, shaped for comfort and maximum turning power.

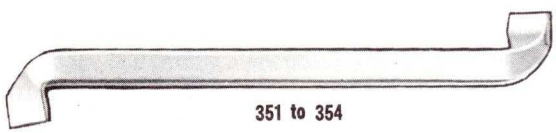
No.	Point	Fits Phillips Screws	Blade Length	Blade Diameter	Wt. Lbs. 10 Pcs.
358P	1	No. 4 and smaller	1	3/16	1
359P	2	No. 5 to 9 inc.	1 1/2	1/4	1 3/16
361P	1	No. 4 and smaller	3	3/16	1 1/16
362P	2	No. 5 to 9 inc.	4	1/4	1 5/8
363P	3	No. 10 to 16 inc.	6	5/16	2 7/8
364P	4	No. 18 and larger	8	3/8	4 3/4



SPARK DETECTING SCREW DRIVER

For testing high frequency circuits such as spark plugs, ignition systems, etc. Neon tube in handle flashes indicating condition of circuit being tested. Alloy steel blades, shock proof plastic handle.

304E 9/64" x 2 1/4"; 5" O. A.; weight per 10—3/8 lb.
305E 3/16" x 3 3/8"; 7 5/8" O. A.; weight per 10—1 1/4 lbs.

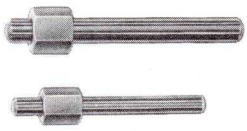


351 to 354

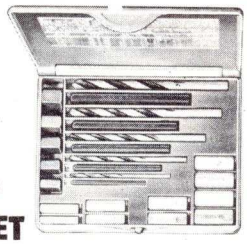
OFFSET SCREW DRIVERS

For confined spaces where regular screw drivers cannot operate. Especially useful and efficient because blades are forged at 45° angle. Heat treated alloy steel, plated with blades bright.

Number	Size Stock	Length	Bit Width	Wt. Lbs. 10 Pcs.
351	3/16	4	5/16	7/16
352	1/4	4 5/8	3/8	7/8
353	5/16	5 3/8	1/2	1 1/2
354	3/8	6 1/2	5/8	2 5/8



E1 to E5

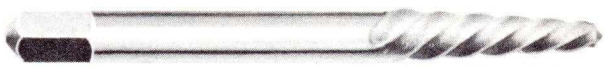


XX-10 SCREW AND STUD EXTRACTOR SET

Contains full size range of straight fluted extractors 1E to 5E, as well as proper drills and drill guides. Extractions can be made up to 1" below surface. Straight flute construction will not expand or distort no matter how thin the wall or how far extractor is driven down. Set includes fitted metal case.

XX-5 FLUTED EXTRACTOR SET. 1E to 5E as listed.

Extractor No.	Screw Diameter	Use Drill	Length	Wt. Lbs. 10 Pcs.
E1	1/4	1/8	2	5/16
E2	5/16	3/16	2 3/8	7/16
E3	3/8	1/4	2 3/4	3/4
E4	7/16	5/16	3	1
E5	1/2-9/16	11/32	3 3/8	1 3/8



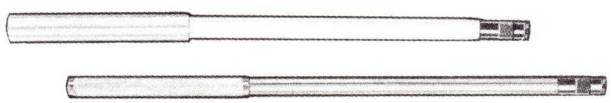
EX1 to EX5

SCREW EXTRACTORS

Popular twist-type screw extractor available in five sizes for complete coverage as listed below. Simply drill hole in broken screw or stud and insert extractor with left hand turn.

X-5 SET OF 5 EXTRACTORS.

Extractor No.	Fractional Size	Use Drill	Length	Wt. Lbs. 10 Pcs.
EX1	1/8-3/16	1/16	2 1/8	3/32
EX2	3/16-5/16	7/64	2 1/2	1/4
EX3	5/16-7/16	5/32	2 7/8	5/16
EX4	7/16-9/16	1/4	3 1/4	3/4
EX5	9/16-3/4	9/32	3 3/4	1 1/4



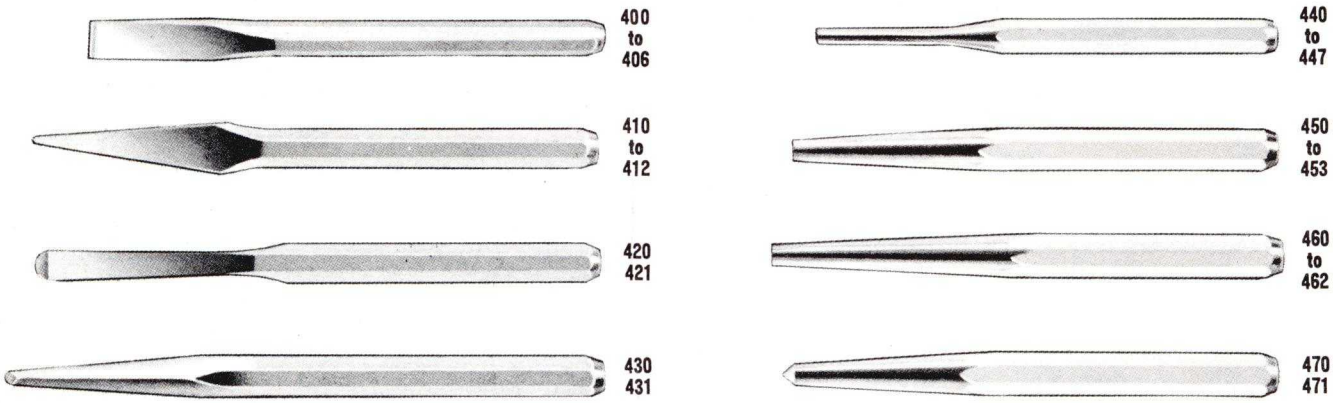
372 to 379

SCREW STARTERS

For fast, sure starting of slot screws there is no better tool made. Firmly locks screw in place yet releases automatically as screw is tightened. Available in light aluminum or shock proof nylon handles.

Number	Length	Type Handle	Wt. Lbs. 10 Pcs.
372	2 1/2	Aluminum	1/4
373N	2 1/2	Nylon	1/4
375	5	Aluminum	7/16
376N	6	Nylon	3/8
379	9	Aluminum	11/16
379N	9	Nylon	1/2

HERBRAND PUNCHES, CHISELS AND PRY BARS



Herbrand punches and chisels are forged from the finest quality shock resistant alloy steel. Each is individually hardened and tempered to such a fine degree that the cutting and punching surfaces will stand up under the hardest usage, yet can be redressed with a file. Each tool fully plated with ends brightly polished. Only the finest quality tools bear the name HERBRAND.

FLAT COLD CHISELS

Number	Size Stock	Width of Edge	Length	Approx. Wt. Lbs. 10 Pcs.
400	5/16	5/16	5	1 1/16
401	5/16	3/8	5	1 1/16
402	3/8	1/2	6	1 3/4
403	1/2	5/8	6	3 1/8
404	5/8	3/4	7	5 1/2
405	3/4	7/8	7 1/2	8 3/4
406	7/8	1	8	12 3/16

CAPE CHISELS

410	5/16	7/32	5	15/16
411	3/8	5/16	5 3/4	1 1/2
412	1/2	3/8	6	2 5/8

GOUGE CHISELS

420	5/16	7/32	5	15/16
421	3/8	1/4	6	1 5/8

DIAMOND POINT CHISELS

430	5/16	5/64	5	15/16
431	3/8	1/8	6	1 11/16

JIMMY, PRY AND ALIGNING BARS

All Herbrand bars are of finest alloy steels, spring tempered for rugged service. Each designed to do efficiently the jobs for which intended.

No.	Size Stock	Diameter of Point	Length	Width of Flat	Wt. Lbs. 10 Pcs.
480	1/2	1/8	12	5/8	5 3/4
481	5/8	5/32	16	7/8	11 5/8
482	3/4	1/4	20	1 1/8	21 1/2

485 Rolling Head Bar provides powerful leverage. Tapered end invaluable as aligning bar. 9/16" diameter stock, 15" long; weight per 10 9 3/4 lbs.

PIN PUNCHES

No.	Size Stock	Diameter of Point	Length of Point	Length	Approx. Wt. Lbs. 10 Pcs.
440	5/16	1/8	3/4	4	1 1/16
441	5/16	5/32	1	4	3/4
442	5/16	3/32	1 1/16	4	3/4
443	5/16	5/32	1 1/2	6	1 1/8
444	3/8	3/16	2	6 1/2	1 9/16
445	3/8	7/32	2 1/2	6 7/8	1 5/8
446	3/8	1/4	2 3/4	7	1 11/16
447	1/2	5/16	3	7 1/2	3 1/8

SOLID TAPER PUNCHES

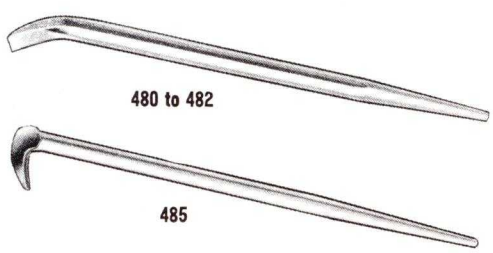
No.	Size Stock	Diameter of Point	Taper	Length	Approx. Wt. Lbs. 10 Pcs.
450	5/16	1/16	2	4 1/2	3/4
451	3/8	3/16	2	5	1 3/8
452	1/2	1/4	2 1/4	6	3
453	5/8	5/16	3 1/2	7	5

LONG TAPER DRIFT PUNCHES

460	3/8	1/8	3 1/2	8	2
461	1/2	5/32	4	8	3 5/8
462	5/8	1/4	4	11	7 1/2

CENTER PUNCHES

470	5/16	1/8	2	4	13/16
471	3/8	7/32	1 3/4	4 1/2	1 1/4



HIGH SPEED

DIAMOND 'H' TWIST DRILLS

JOBBER LENGTH

Drill No.	Size	Decimal Equiv. Inches	Length Overall Inches
DR- 4	1/16	.0625	1 7/8
DR- 5	5/64	.0781	2
DR- 6	3/32	.0937	2 1/4
DR- 7	7/64	.1094	2 5/8
DR- 8	1/8	.1250	2 3/4
DR- 9	9/64	.1406	2 7/8
DR-10	5/32	.1562	3 1/8
DR-11	11/64	.1719	3 1/4
DR-12	3/16	.1875	3 1/2
DR-13	13/64	.2031	3 5/8
DR-14	7/32	.2187	3 3/4
DR-15	15/64	.2344	3 7/8
DR-16	1/4	.2500	4
DR-17	17/64	.2656	4 1/8
DR-18	9/32	.2812	4 1/4

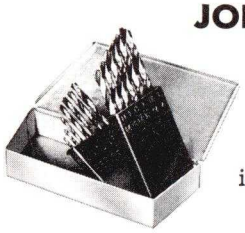
Drill No.	Size	Decimal Equiv. Inches	Length Overall Inches
DR-19	19/64	.2969	4 3/8
DR-20	5/16	.3125	4 1/2
DR-21	21/64	.3281	4 5/8
DR-22	11/32	.3437	4 3/4
DR-23	23/64	.3594	4 7/8
DR-24	3/8	.3750	5
DR-25	25/64	.3906	5 1/8
DR-26	13/32	.4062	5 1/4
DR-27	27/64	.4219	5 3/8
DR-28	7/16	.4375	5 1/2
DR-29	29/64	.4531	5 5/8
DR-30	15/32	.4687	5 3/4
DR-31	31/64	.4844	5 7/8
DR-32	1/2	.5000	6

WIRE GAUGE SIZES

Wire Gauge Number	Decimal Equivalent Inches	Length Overall Inches
DW- 1	.2280	3 7/8
DW- 2	.2210	3 7/8
DW- 3	.2130	3 3/4
DW- 4	.2090	3 3/4
DW- 5	.2055	3 3/4
DW- 6	.2040	3 3/4
DW- 7	.2010	3 5/8
DW- 8	.1990	3 5/8
DW- 9	.1960	3 5/8
DW-10	.1935	3 5/8
DW-11	.1910	3 1/2
DW-12	.1890	3 1/2
DW-13	.1850	3 1/2
DW-14	.1820	3 3/8
DW-15	.1800	3 3/8
DW-16	.1770	3 3/8
DW-17	.1730	3 3/8
DW-18	.1695	3 1/4
DW-19	.1660	3 1/4
DW-20	.1610	3 1/4
DW-21	.1590	3 1/4
DW-22	.1570	3 1/8
DW-23	.1540	3 1/8
DW-24	.1520	3 1/8
DW-25	.1495	3
DW-26	.1470	3
DW-27	.1440	3
DW-28	.1405	2 7/8
DW-29	.1360	2 7/8
DW-30	.1285	2 3/4

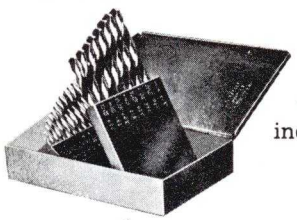
Wire Gauge Number	Decimal Equivalent Inches	Length Overall Inches
DW-31	.1200	2 3/4
DW-32	.1160	2 3/4
DW-33	.1130	2 5/8
DW-34	.1110	2 5/8
DW-35	.1100	2 5/8
DW-36	.1065	2 1/2
DW-37	.1040	2 1/2
DW-38	.1015	2 1/2
DW-39	.0995	2 3/8
DW-40	.0980	2 3/8
DW-41	.0960	2 3/8
DW-42	.0935	2 1/4
DW-43	.0890	2 1/4
DW-44	.0860	2 1/8
DW-45	.0820	2 1/8
DW-46	.0810	2 1/8
DW-47	.0785	2
DW-48	.0760	2
DW-49	.0730	2
DW-50	.0700	2
DW-51	.0670	2
DW-52	.0635	1 7/8
DW-53	.0595	1 7/8
DW-54	.0550	1 7/8
DW-55	.0520	1 7/8
DW-56	.0465	1 3/4
DW-57	.0430	1 3/4
DW-58	.0420	1 5/8
DW-59	.0410	1 5/8
DW-60	.0400	1 5/8

JOBBER LENGTH DRILL SETS IN METAL INDEXES AND KITS



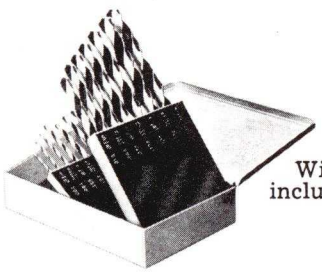
13 PIECE DRILL SET
Set No. DR-13-B

With Steel Index Container includes sizes 1/16" to 1/4" by 64th JOBBER LENGTH



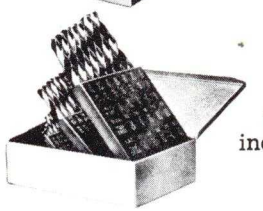
21 PIECE DRILL SET
Set No. DR-21-B

With Steel Index Container includes sizes 1/16" to 3/8" by 64th JOBBER LENGTH



15 PIECE DRILL SET
Set No. DR-15-B

With Steel Index Container includes sizes 1/16" to 1/2" by 32nd JOBBER LENGTH



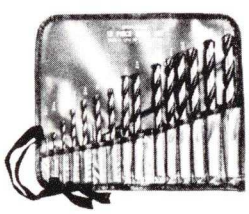
29 PIECE DRILL SET
Set No. DR-29-B

With Steel Index Container includes sizes 1/16" to 1/2" by 64th JOBBER LENGTH

15 PIECE DRILL SET IN ROLL KIT
Set No. DR-15-R

Sizes 1/16" to 1/2" by 32nd JOBBER LENGTH

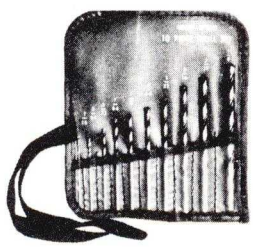
Packed in Sturdy Plastic Tool Roll—each pocket has Drill Size marked. Roll up and tie for drill protection in Tool Box Drawer.



10 PIECE DRILL SET IN ROLL KIT
Set No. DR-10-R

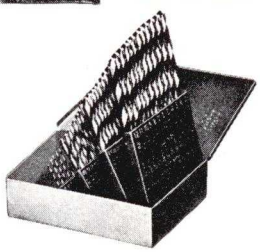
Sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", and 1/4" JOBBER LENGTH

Packed in sturdy plastic tool roll —each pocket has drill size marked. Roll up and tie for drill protection in tool box drawer.



60 PIECE NUMBER SET
Set No. DW-60-B

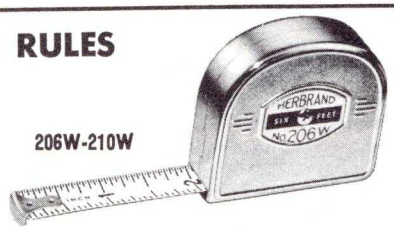
With Steel Index Container includes 60 high speed number size drills, jobber length No. 1 to 60



See Twist Drill Catalog for complete Twist Drill line, including Silver Deming Drills and Merchandisers.

HERBRAND RULES, RE-THREADER DIES & TAPS, FILES, SCRAPERS, MAGNETIC PICK-UP TOOLS, AND TIN SNIPS

PUSH PULL RULES



206W-210W

Precision built for accuracy and long wear. Easy to read large, black numbers on acid-proof, white enamel background. Polished chrome finished case, scaled for inside-outside measures.

No. 206W 6 ft. length; weight per 10—¾ lb.
No. 208W 8 ft. length; weight per 10—1 lb.
No. 210W 10 ft. length; weight per 10—1 1/16 lbs.

RE-THREADER TAP SETS

803B-804B

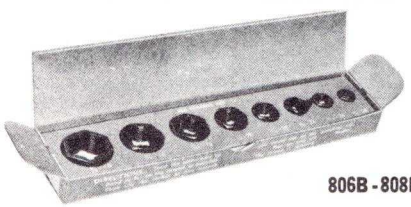
Restore damaged, corroded or rusted threads instantly and accurately. Easily operated with open end or box wrench with or without flexible socket or ratchet. Taps are case hardened.

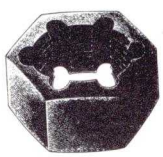
805B

No. 803B Set of 6 NF-SAE re-threader taps.
No. 804B Set of 6 NC-USS re-threader taps.
(Sizes ¼", 5/16", ⅜", ½", marked on each tap)

No. 805B Set of 3 taps and 3 dies. Inverted fitting thread restorers for 5/16", ¼", 3/16" gas and oil lines.

THREAD RESTORER DIE SETS





806B-808B

The same size as an ordinary nut, these hex re-threader dies operate easily in confined areas where the usual type dies cannot be used. The same box or open end wrench used to turn the standard nut will quickly run the rethreading die down the bolt, restoring the damaged threads to their original line. Available in two sets covering USS, American Coarse and SAE, American Fine Thread.

No. 806B Set of the 8 USS dies listed below. Weight—½ lb.
No. 808B Set of the 8 SAE dies listed below. Weight—7/16 lb.

Bolt Dia.	S. A. E. Thd. Per In.	U. S. S. Thd. Per In.	Hexagon Size
¼	28	20	7/16
5/16	24	18	½
⅜	24	16	9/16
7/16	20	14	⅝
½	20	13	¾
9/16	18	12	⅞
⅝	18	11	15/16
¾	16	10	1 1/16

THREAD RESTORER FILES

809-811

A few strokes of these special cutters will restore battered or damaged threads to original shape. Use like a file. Eight thread sizes on each tool.

No. 809 For 9, 10, 12, 16, 20, 27, 28 and 32 threads to the inch.
No. 811 For 11, 12, 13, 14, 16, 18, 20 and 24 threads to the inch. Length 10"; weight per 10—3 7/16 lbs.

PUTTY KNIFE SCRAPERS

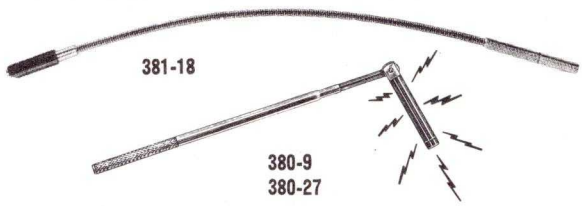
343

347

Most popular of all general use scrapers. Two styles cover all jobs from old gaskets to hard undercoating. Alloy steel blades—mirror polished. Tough Tenite II plastic handles.

No. 343 Standard Semi Stiff. Blade width 1¼"; weight per 10—1⅝ lbs
No. 347 Heavy Chisel Edge. Blade width 1⅜"; weight per 10—1⅞ lbs

MAGNETIC PICK-UP TOOLS



381-18

380-9
380-27

Permanent magnetic, swivel heads. Easily retrieves tools or metal parts dropped in inaccessible places.

No. 380-9 Magnetic Pick-Up. 9" long; weight per 10—1 lb.
No. 380-27 Magnetic Pick-Up. 16½" extends to 27". Weight per 10—4¼ lbs.
No. 381-18 Flexible Magnetic Pick-Up. 18" long; weight per 10—2⅛ lbs

TIN SNIPS "DUCK BILL" PATTERN

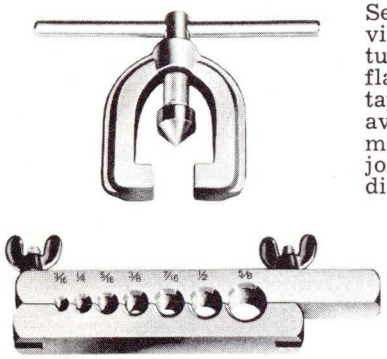
TS-7 TS-10 TS-12

Herbrand tin snips are made of special analysis alloy steel, hardened and tempered for long life. Cutting edges are thin and of "duck bill" design for ease in cutting straight line or intricate curve patterns. Long comfortable handles for powerful cutting leverage. Finished in baked on blue enamel, blades polished.

TS-7 Length 7"; weight per 10—4 lbs.
TS-10 Length 10"; weight per 10—8¾ lbs.
TS-12 Length 12"; weight per 10—16¼ lbs.

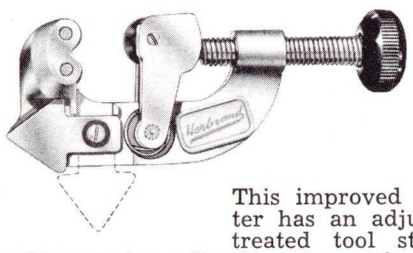
HERBRAND TUBE FLARER, CUTTER, SCRAPER, GROOVE CLEANER, FILE, MULTISCOPE, HACK SAW BLADES AND FRAMES

NO. 750 TUBE FLARER



Seven flaring dies provide for all popular size tubing. Hardened male flaring plug accurately tapered and polished to avoid tearing of soft metal and insure a tight joint. Threaded female dies prevent slipping. To operate; place tubing in proper die opening, tighten wing nuts, adjust head for desired pressure and turn T handle. Die sizes: 13/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8". Cadmium plated. Length 6½"; weight—2 3/16 lbs.

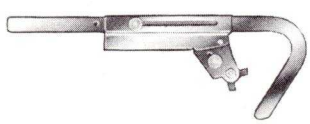
NO. 761 TUBE CUTTER



This improved design cutter has an adjustable heat treated tool steel cutting wheel and self-centering roller jaws for cutting soft tubing cleanly and without burrs. Reamer held securely out of the way when not in use but slips quickly to a position at 90° angle to cutter for reaming. Capacity 1/8" to 1" O.D.; length 6"; weight—5/8 lb. Extra cutter wheels No. 761C.

No. 348 Forged General Purpose Scraper

Popular all purpose scraper. Blade 8" long and 1" wide, with chisel edge. Forged alloy steel, spring tempered. Weight per 10—2¾ lbs.



No. 349 Piston Ring Groove Cleaner

Fits all pistons up to 6" diameter. Cutter wheel has blade sizes: 3/32", 1/8", 5/32" and 3/16". Length 11¼"; weight per 10—2-11/16 lbs.

No. 349C Cutter only, 5/64", 5/32", 3/16"

No. F-5 Ignition Point File

Designed to dress up tungsten and iridium distributor points. Double cut for fast smooth cut. Length 5¼"; 5/16" wide; weight per card of 12 files—¼ lb.

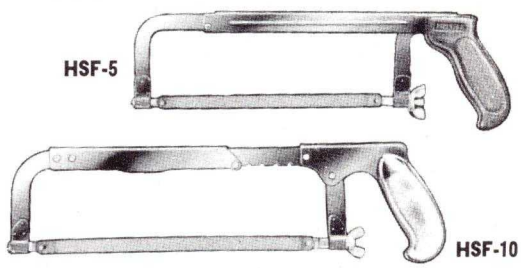
NO. MS-1 MULTISCOPE®

PATENT NO. D-163,282

(IMPROVED MODEL)

The greatest *trouble-tracer* in the maintenance business. Locates and identifies trouble quickly. Saves unnecessary "tear-down" time and labor. Used like a doctor's stethoscope, this model picks up the entire range of sound the ear can detect. A few examples of use are: bearing noises, steam, liquid or air traps and valves; operation of sealed mechanical and electrical control assemblies; refrigeration units; stress sounds in material testing; and any hidden or enclosed spots where tear down is difficult and costly. Weight each—7/16 lbs.

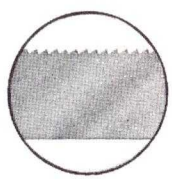
ADJUSTABLE HACK SAW FRAMES



HSF-5 Standard adjustable frame handles blades up to 12". Pistol grip molded handle. Weight per 10—10 lbs.

HSF-10 All steel construction to withstand heavy abuse. Checkered pistol grip handle. Rigid reinforced back adjusts from 8" to 12" blades. Especially designed for automotive mechanics. All nickel finish. Weight per 10—12½ lbs.

HACK SAW BLADES



Herbrand provides a complete range of highest quality hack saw blades. A type and size for every job. For the extra tough jobs, high speed, special alloy steel blades. For standard work the flexible back hardened blades.

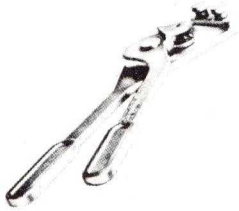
FLEXIBLE—BACK HARDENED BLADES

Part No.	Length	Teeth Per Inch	Part No.	Length	Teeth Per Inch
HF-1018	10	18	HF-1218	12	18
HF-1024	10	24	HF-1224	12	24

HIGH SPEED BLADES

HS-1018	10	18	HS-1218	12	18
HS-1024	10	24	HS-1224	12	24

AUTOMATIC TRANSMISSION TOOLS – HYDRAMATIC, DYNAFLOW, POWER GLIDE, FORD-OMATIC, MERCOMATIC, POWERFLITE



AT-5

UNIVERSAL THROTTLE ARM BENDER

For all 1946-55 HYDRAMATIC transmissions except 1955 Pontiac.

AT-6

HEX ADAPTOR FOR 53-55 CHEVROLETS

Easily attaches to AT-51 for adjustment of 1953-55 Chevrolet transmissions.

AT-7

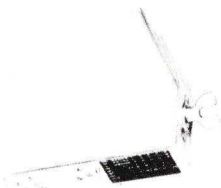
THROTTLE VALVE STOP BENDING TOOL

For all 1951-57 FORDOMATIC and MERCOMATIC transmissions. Used to adjust O setting of the throttle valve stop.

AT-20

HYDRAMATIC REAR BAND ADJUSTMENT GAUGE

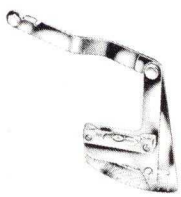
For internal adjustment of rear bands (oil pan removed), this snap-type Gauge assures accurate adjustment meeting manufacturers' specifications.



AT-21

UNIVERSAL THROTTLE ARM GAUGE

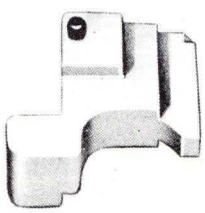
For all 1946-55 HYDRAMATIC Transmissions. Gauge is used during adjustment of throttle linkage to check outer throttle arm.



AT-22

THROTTLE LEVER PROTRACTOR GAUGE

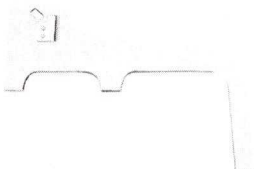
For all 1951-56 FORDOMATIC and MERCOMATIC transmissions.



AT-23

THROTTLE LINKAGE GAUGE

For 1954 FORDOMATIC transmissions. Used to position throttle linkage for accurate adjustment.



AT-24

THROTTLE LINKAGE GAUGE

For 1951-52-53 FORDOMATIC transmissions. Used to position throttle linkage for accurate adjustment.

AT-55

REVERSE BAND ADJUSTING TOOL

For all POWERFLITE transmissions. This time-saving Adjustment Tool can be used with transmission in or out of car.

AT-70

LINKAGE PINS

For most HYDRAMATIC transmission.

AT-25

GAUGE

Herbrand Gauge AT-25 should be used with the Front Band Adjusting Tool.

AT-50

HYDRAMATIC BAND ADJUSTING TOOL

Especially designed for external adjustment of front and rear bands on Hydramatic transmissions.

AT-51

ADJUSTING TOOL

For Dynaflow band adjustments on all 1948-1955 Buicks, and Powerglide band adjustments on all 1950-1953 Chevrolets.

AT-52

REAR BAND ADJUSTING TOOL

For all 1951-57 FORDOMATIC and MERCOMATIC transmissions.

AT-53

FRONT BAND ADJUSTING TOOL

For all 1951-57 FORDOMATIC and MERCOMATIC transmissions.

AT-54

HYDRAMATIC FRONT BAND ADJUSTING TOOL

This accurate Tool is designed for internal adjustment (transmission oil pan removed) of front bands on Hydramatic transmissions.

AT-56

KICKDOWN BAND ADJUSTING TOOL

For all POWERFLITE transmissions. Tool may be used with transmission in or out of car.

AT-71

THROTTLE LINKAGE CONTROL PIN

For 1955-57 FORDOMATIC and 1954-57 MERCOMATIC transmissions.

See AT-4000 for complete listing and instructions for use of all Automatic Transmission Tools.

FOR TOOL CABINETS SEE HERBRAND CHEST AND ROLLWAY CATALOG

MASTER MECHANIC SET NO. VC-120A (120 Pieces) (TOOLS ONLY)

As illustrated above with the Deluxe Rollway the VC-120 represents a complete Mechanics Work Shop. Truly the last word in utility and quality. Includes:

Pliers—Combination 34-6, Multigrips 166½, 160, Battery 178, Brake Spring 183A.

Midget O.E. Wrenches—81, 83, 85, 87, 89.

Screwdrivers—310, 312, 313, 315, 316, 352, 362.

Carbon Scraper—348.

Cold Chisels—402, 404, 431.

Punches—440, 445, 451, 462, 471.

Rolling Head Bar—485.

Hammers—Nylon 660, Ball pein, 16 oz. BP-16.

Open End Wrenches—1021S, 1027B, 1033A, 1723, 1725B, 1731.

Combination Wrenches—1212L, 1214L, 1216L, 1218L, 1220L, 1222L, 1224L, 1226L.

Box End Wrenches—3923, 3925, 3929, 3931, 3933, 4923, 4925, 4927.

Allen Wrench Set—8 pcs. AW-80.

Feeler Gauge—10 blades G-10.

SOCKETS AND ATTACHMENTS, SQUARE DRIVE

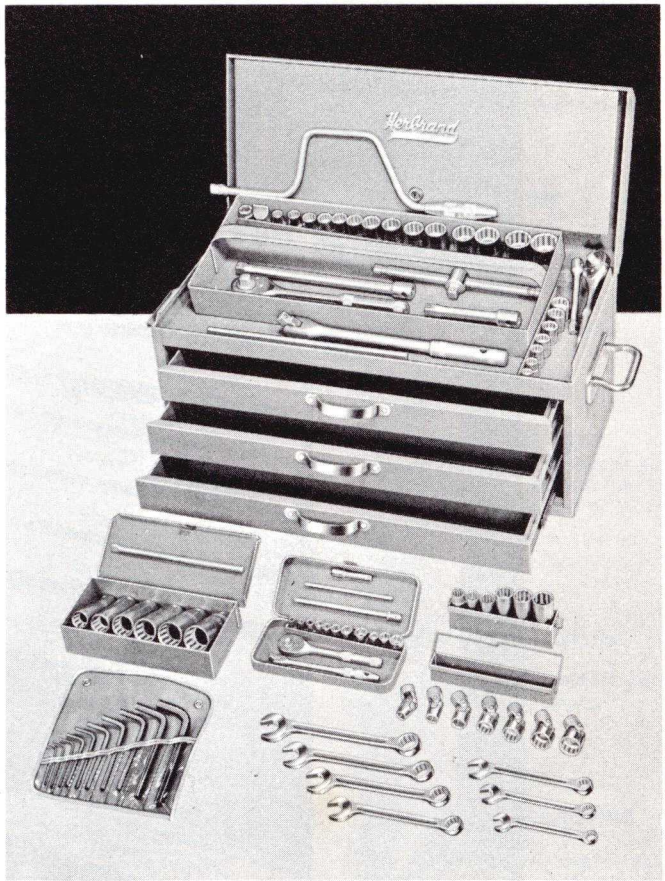
¼" **Drive**—Set MA-53½ (16 pcs.).

⅜" **Drive**—Ratchet J-7, Handle J-13, Sockets J-112, J-114, J-116, J-118, J-120, J-122, J-124.

½" **Drive**—Ratchet S-7, Handles S-15, S-17, Extension S-27, Universal S-35, Adaptor A-390, Deep Socket Set DS-11½ (7 pcs.).
Sockets S-37, S-112, S-114, S-116, S-118, S-120, S-122, S-124, S-128, S-130, S-132.

¾" **Drive**—Handle H-21, Extension H-29, Sockets H-134, H-136, H-140, H-142, H-144, H-146, H-148.

HERBRAND 'VAN-CHROME' DELUXE SOCKET SETS



SET NO. VC-85A (85 Pieces)

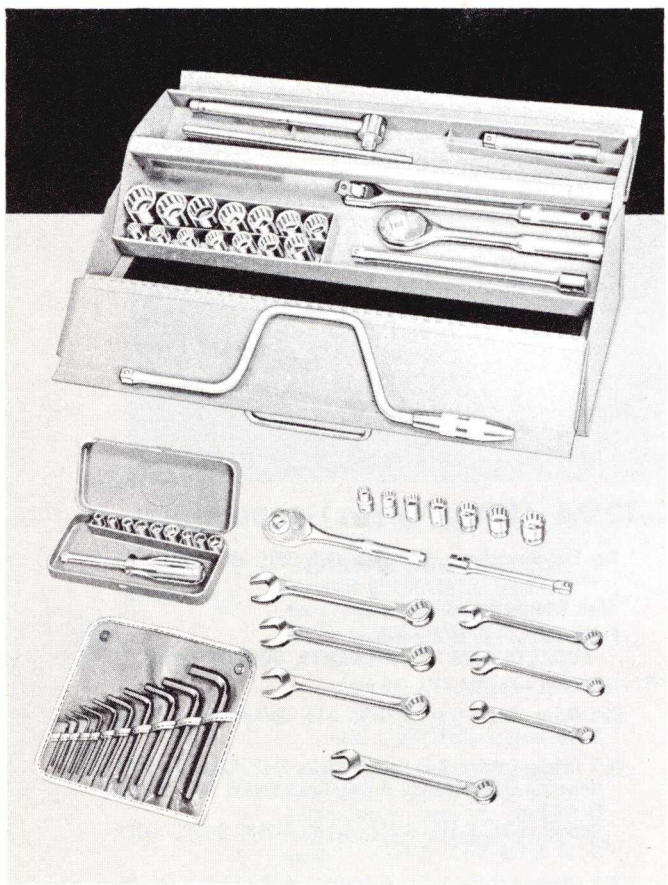
This popular tool assortment provides a fine range of openings in both sockets and wrenches to handle the majority of jobs.

¼" **Square Drive Series**—6 Point Sockets—M606, M607, M608, M609, M610, M611, M612; 8 Point Sockets—M808, M810, M812; **Reversible Ratchet**—M-5; **Flex Handle**—M13; **Extensions**—M22 and M23; **"T" Handle**—M33. In fitted Metal Box.

⅜" **Square Drive Series**—12 Point Sockets—J112, J114, J116, J118, J120, J122, J124; **Reversible Ratchet**—J7; **Extension**—J27; **12 Point Deep Sockets in Tray**—J414, J416, J418, J420, J422, J424; **6 and 12 Point Flex Sockets in Tray**—J912, J914, J916, J318, J320, J322, J324.

½" **Square Drive Series**—12 Point Sockets–S114, S116, S118, S118V, S119, S120, S122, S124, S125, S126, S128, S130, S132, S134, S136; **Deep Sockets in Metal Box**—DS20, DS22, DS26, DS28, DS30, DS32; **Reversible Ratchet**—S7 **Flex Handle**—S13; **Speeder Handle**—S17; **Sliding "T" Handle**—S21; **Extensions**—S27 and S28; **"T" Bar**—S33; **Drag Link Socket**—S39; **Combination Wrenches**—1212S, 1214S, 1216S, 1218S, 1220S, 1222S, 1224S; **10 Allen Wrenches in Roll.**

In Chest B-330



SET NO. VC-57A (57 Pieces)

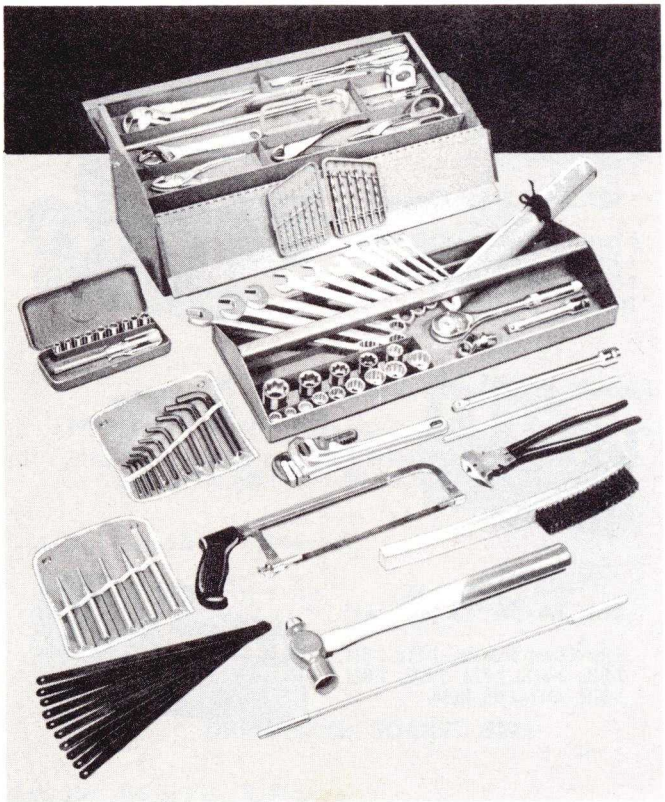
A fine starter set. Includes the popular basic items on which to build a broader coverage set by adding additional items as desired.

¼" **Square Drive Series**—6 Point Sockets—M608, M609, M610, M611, M612, M614; 8 Point Sockets—M808, M810, M812; **Spinner Handle**—M20. In fitted Metal Box.

⅜" **Square Drive Series**—12 Point Sockets—J112, J114, J116, J118, J120, J122, J124; **Reversible Ratchet**—J7 **Extension**—J27;.

½" **Square Drive Series**—12 Point Sockets—S114, S116, S118, S119, S120, S122, S124, S125, S126, S128, S130, S132, S134, S136; **Reversible Ratchet**—S7 **Flex Handle**—S13, **Speeder Handle**—S17, **Sliding "T" Handle**—S21, **Extensions**—S27 and S28, **"T" Bar**—S33; **Combination Wrenches**—1212S, 1214S, 1216S, 1218S, 1220S, 1222S, 1224S; **10 Allen Wrenches in Roll.**

In Heavy Duty Fitted Box B902 with 2 Tote Trays.

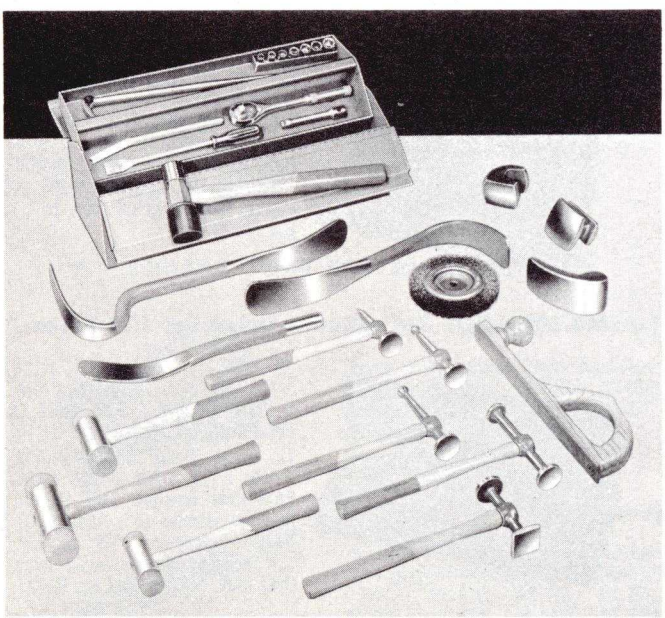


THE DELUXE RURAL SET
NO. TR-93A (93 Pieces)

A complete assortment to service practically every job on farm equipment. In fitted heavy duty carrying box.

¼" **Square Drive Series**—6 Point Sockets—M608, M609, M610, M611, M612, M614; 8 Point Sockets—M808, M810, M812; **Spinner Handle**—M20. In fitted Metal Box. ½" **Square Drive Series**—12 Point Sockets—S114, S116, S118, S120, S122, S124, S128, S130, S132; 8 Point Sockets—S218, S220, S222, S224, S228; **Reversible Ratchet**—S7; **Extensions**—S27 and S28; **"T" Handle**—S33; **Universal Joint**—S35; **Combination Wrenches**— 1214L, 1216L, 1218L, 1220L, 1222L, 1224L, 1226L, 1228L, 1230L, 1232L, **Adjustable Wrench**—21-8; **Pliers**—32-7, 151S, 166½, 189; **Steel Rule**—206W; **Screw Drivers**—292, 304E, 312; **Magnetic Pick Up**—381-18; **Aligning Bar**—485; **Wire Brush**—1132; **Ball Pein Hammer**—BP16; **Punches and Chisels in Roll**—400, 440, 441, 450, 470; **10 Allen Wrenches in Roll**; **Drill Set in Plastic Kit**—DR113; **Hack Saw Frame**—HSF5 with 10 blades; **10" Pipe Wrench**; **Tin Snips**—TS-7.
In Box B902 with 2 Tote Trays.

THE SUBURBAN SET
NO. TR-26
(Not shown)



THE SUBURBAN SET
NO. TR-26A (26 Pieces)

Popular for use on farm or suburban areas.

½" **Square Drive**—12 Point Sockets—S116, S118, S120, S122, S124, S128, S132; **Reversible Ratchet**—S7; **Extension**—S27; **Combination Wrenches in Roll**—1212S, 1214S, 1216S, 1218S, 1220S, 1222S, 1224S, Range ⅜" to ¾"; **Adjustable Wrench**—21-8; **Pliers**—151S, Fence Plier—No. 189; **Spark Detector**—304E; **Screw Driver**—315A; **Cold Chisel**—403; **Center Punch**—470; **Ball Pein Hammer**—BP12; **Hack Saw**—HSF5; **Tin Snips**—TS-7.
In Tangerine Box B806.

BODY AND FENDER SET
NO. BF-129 MATCHED SET (29 Pieces)

A distinctive selection of Van-Chrome Body Tools.

Hammers—BF1, BF2, BF4, BF5, BF8, 1144, 660, 662, 664; **Spoons**—BF31, BF33, BF34; **Dolly Blocks**—BF51, BF52, BF54; **File and Holder**—714; ½" **Square Drive Sockets**—6 Point—S612, S614, S616, S618, S620, S622, S624; **Reversible Ratchet**—S7; **Extension**—S27; **Pry Bar**—485; **Cutting Tool**—497; **Wire Brush**—1137; **Scraper**—348.
In Box B901 with Tote Tray.

HERBRAND TOOL SETS
1/4" (M SERIES) DRIVE SETS & 3/8" (J SERIES) DRIVE SETS

Set MA-52 1/2 (10 Pieces)

6 Point Sockets—M-608, M-609, M-610, M-611, M-612, M-614; 8 Point Sockets—M-808, M-810, M-812; Spinner Handle—M-20. In Metal Box B401

Set MA-53 1/2 (16 Pieces)

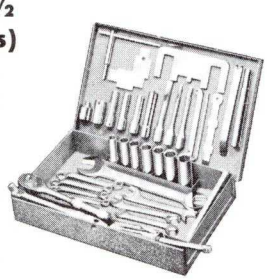
6 Point Sockets—M-606, M-607, M-608, M-609, M-610, M-611, M-612, M-614; 8 Point Sockets— M-808 M-810, M-812; M-5 Ratchet; M-13 Handle; Extensions M-22 and M-23; M-33 Bar. In Box B401.

MA-56 1/2 (31 Pieces)

6 Point Sockets—M-606, M-607, M-608, M-609, M-610, M-611, M-612, M-614; 8 Point Sockets—M-808, M-810; M-5 Ratchet; M-13 Handle; M-20 Spinner; M-21 "T" Handle; Extensions M-22 and M-23; M-33 Bar; M-45 Bit; Box Wrenches—Nos. 71, 72, 73 and 74; End Wrenches—81, 83, 85, 87 and 89; 160 Plier; 2 Screw Drivers. In Box B402.

Carburetor Set No. CA-36 1/2 1/4" Square Drive (38 Pieces)

Special carburetor tools—C-528, C-529, C-530, C-531, C-536, C-538, C-539, C-540, C-542, C-545, C-546, C-547, C-548, G-26; Box Wrenches—71, 72, 73, 74; Open End Wrenches—84, 85, 87, 89, 1729; Screw Drivers—352, M-53, M-54, M-55; 6 Point Deep Sockets—M-510, M-512, M-514, M-515, M-516, M-518; Handles and Attachments—M-5, M-13, M-20; Socket Adaptor—A-389. In Box No. B402.

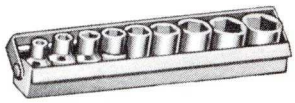


Carburetor Set No. CA-24 1/2 (27 Pieces)

Same as CA-36½ less Midget Box Wrenches, Open End Wrenches, M-5 Ratchet and M-13 Handle.

SPECIAL
Set M-100

3 Piece Ratchet-Driver Set in plastic box—ideal gift set. Contains one M-18 handle, one M-8 Ratch-A-Daptor and one M-63 bit.

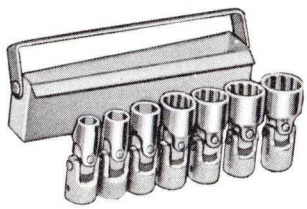


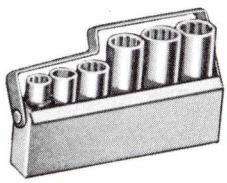
Set JA-51 (9 Pieces)

6 Point Sockets—J-608, J-610, J-612, J-614, J-616, J-618, J-620, J-622, J-624. In Tray B651.

SET JA-52 (7 Pieces)

6 Point Flex Sockets—J-912, J-914, J-916; 12 Point Flex Sockets—J-318, J-320, J-322, J-324. In Tray B652.



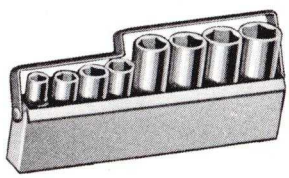


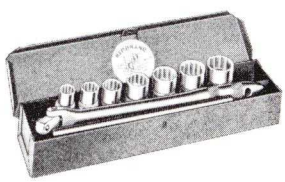
Set JA-53 (6 Pieces)

12 Point Deep Sockets—J-414, J-416, J-418, J-420, J-422, J-424. In Tray B653.

Set JA-54 (8 Pieces)

6 Point Deep Sockets—J-812, J-814, J-816, J-818, J-820, J-822, J-824, J-826. In Tray No. B654.

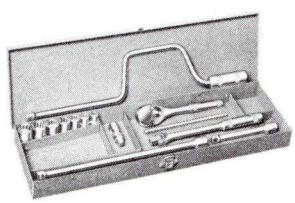




No. JA-60 1/2 3/8" Square Drive Set (9 Pieces)

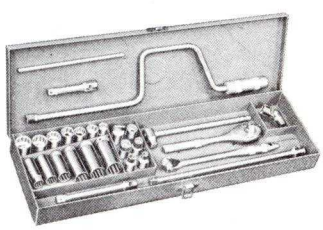
12 Point Sockets J-112, J-114, J-116, J-118, J-120, J-122, J-124; Flex Handle, "T" Handle Bar. In Box No. B601

No. JA-62 1/2 3/8" Square Drive Set (14 Pieces)



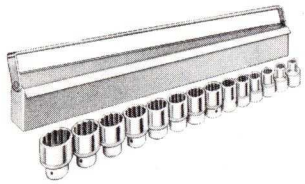
12 Point Sockets—J-112, J-114 J-116, J-118, J-120, J-122, J-124; Reversible Ratchet, Flex Handle, Speeder Handle 17", Extensions 5" and 12". "T" Handle Bar, Universal Joint. In Box No. B602.

No. JA-65 1/2 3/8" Square Drive Set (28 Pieces)



12 Point Sockets—J-112, J-114, J-116, J-118, J-120, J-122, J-124; 6 Point Sockets—J-608, J-610; 8 Point Sockets—J-212, J-214, J-216; 12 Point Deep Sockets—J-414, J-416, J-418, J-420, J-422, J-424; Reversible Ratchet, Flex Handle, Speeder Handle 17", Sliding "T" Handle, Extensions 3", 5" and 12"; "T" Handle Bar, Universal Joint, Drag Link 11/16". In Box No. B602.

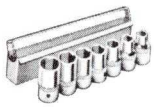
HERBRAND TOOL SETS – 1/2" (S SERIES) DRIVE SETS (DEEP SOCKET SETS & POWER SOCKET SETS)



Set No. SA-50 (14 Pieces)

12 Point Sockets—S-112, S-114, S-116, S-118, S-120, S-122, S-124, S-126, S-128, S-130, S-132, S-134, S-136, S-140. In Tray No. B850

Set No. SA-51 (7 Pieces)



6 Point Sockets—S-612, S-614, S-616, S-618, S-620, S-622, S-624. In Tray No. B851.

Set No. SA-52 (6 Pieces)

12 Point Flex Sockets—S-316, S-318, S-320, S-322, S-324, S-326. In Tray No. B852.

Set No. SA-55 (11 Pieces)

8 Point Sockets—S-212, S-214, S-216, S-218, S-220, S-222, S-224, S-226, S-228, S-232, S-234. In Tray No. B855.

1/2" DRIVE DEEP SOCKET SETS

Set No. DS-6 1/2 (7 Pieces)

12 Point Deep Sockets—DS-24, DS-26, DS-28, DS-30, DS-32, DS-36; "T" Bar. In Metal Box No. B810.

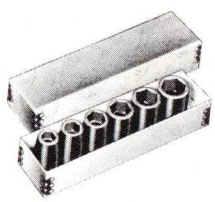
Set No. DS-11 1/2 (7 Pieces)

12 Point Deep Sockets—DS-20, DS-22, DS-26, DS-28, DS-30, DS-32; "T" Handle Bar. Metal Box No. B810

Set No. DS-12 1/2 (9 Pieces)

12 Point Deep Sockets—DS-20, DS-22 DS-26, DS-28, DS-30, DS-32, DS-36; Sliding "T" Handle, 5" Extension. In Metal Box No. B811.

1/2" SQUARE DRIVE POWER SOCKET SETS



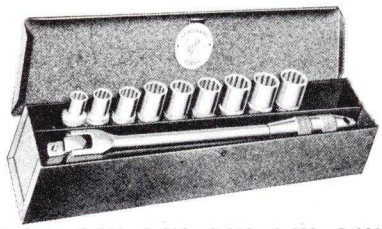
Set No. PSB-6 (6 Pieces)

Heavy Wall, 6 Point Power Sockets—PS-614, PS-616, PS-618, PS-620, PS-622, PS-624, Range 7/16" to 3/4". In fibre box.

Set No. PSB-9 (9 Pieces)

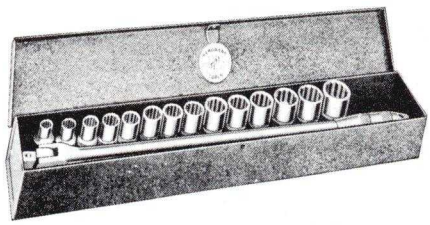
Heavy Wall, 6 Point Power Sockets with Special Protective Finish—PS-612, PS-614, PS-616, PS-618, PS-620, PS-622, PS-624, PS-626, PS-628, Range 3/8" to 7/8". In tray No. B857.

Set No. SB-71 (10 Pieces)



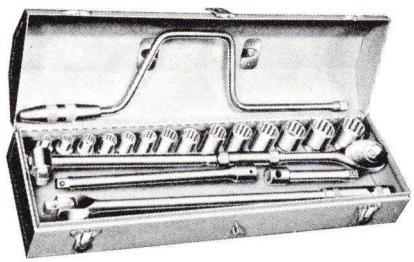
12 Point Sockets—S-114, S-116, S-118, S-120, S-122, S-124, S-126, S-128, S-130; Flex Handle 12". Metal Box B801.

Set No. SB-72 (15 Pieces)



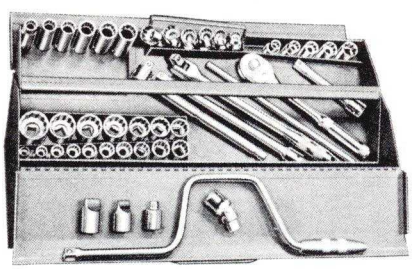
12 Point Sockets—S-112, S-114, S-116, S-118, S-119, S-120, S-122, S-124, S-126, S-128, S-130, S-132, S-134, S-136; Flex Handle 18". In Box No. B802.

Set No. SB-73 (20 Pieces)



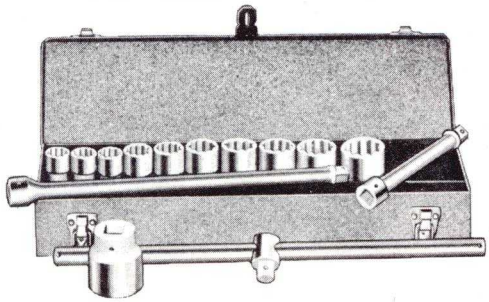
12 Point Sockets—S-112, S-114, S-116, S-118, S-119, S-120, S-122, S-124, S-126, S-128, S-130, S-132, S-134, S-136; Reversible Ratchet, Flex Handle 18", Speeder Handle 17", Sliding "T" Handle 11", Extension 5", Extension 10". In Box No. B806.

Set No. SB-74 (43 Pieces)



12 Point Sockets—S-112, S-114, S-116, S-118, S-119, S-120, S-122, S-124, S-126, S-128, S-130, S-132, S-134, S-136, S-140; 8 Point Sockets—S212, S-214, S-216, S-218, S-220; 12 Point Flex Sockets in Tray—S-316, S-318, S-320, S-322, S-324, S-326; 12 Point Deep Sockets—DS-16, DS-18, DS-20, DS-22, DS-24, DS-26; Socket Adaptor 1/2" to 3/8" Male, Reversible Ratchet, 12" Flex Handle, 17" Speeder Handle, 5" Extension, 10" Extension, Universal Joint, Drag Link Sockets—47/64", 15/16" Bar Handle, Sliding "T" Handle. In Metal Box No. B-902.

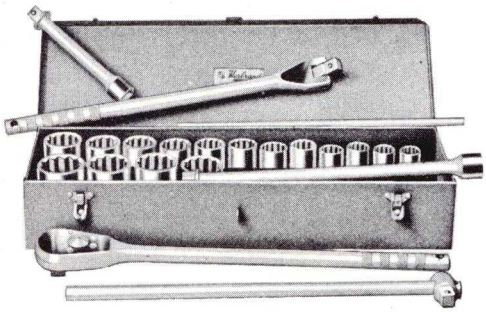
TOOL SETS, HEX KEY SETS, SCREWDRIVER SETS CHISEL SETS AND SCREW EXTRACTOR SETS



Set No. HA-80½ (14 Pieces)

12 Point Heavy Duty Sockets—H-128, H-130, H-132, H-134, H-136, H-138A, H-140, H-144, H-146, H-148, H-152, range from ⅞" to 1⅝"; Sliding "T" Handle—H-21; Extensions—H-29, H-31. In Metal Box B1201.

Set No. HA-80 (Same in Fibre Box).

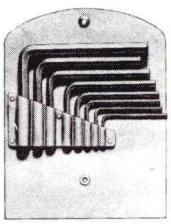


Set No. HA-82½ (22 Pieces)

12 Point Heavy Duty Sockets—H-128, H-130, H-132, H-134, H-136, H-138A, H-140, H-142, H-144, H-146, H-148, H-152, H-156, H-158, H-160, H-164, range from ⅞" to 2"; Heavy Duty Handles; Reversible Ratchet—H-11; Flex Handle—H-15; Sliding "T" Handle—H-21; Extensions—H-29, H-31. In Metal Box No. B-1202.

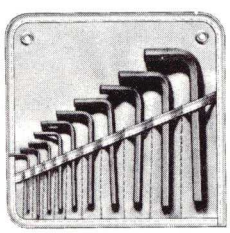
Set No. HA-82 (Same in Fibre Box).

ALLEN WRENCHES



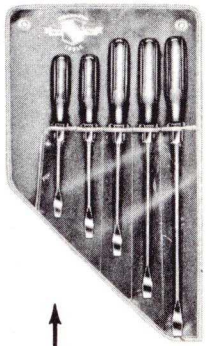
Set No. AW80R (8 Pieces)

Includes one each—AW-2½, 3, 4, 5, 6, 7, 8, 10. In Roll KAW-80.



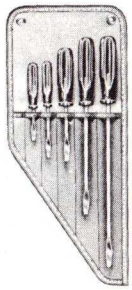
Set No. AW100R (10 Pieces)

Includes one each—AW-2, 2½, 3, 4, 5, 6, 7, 8, 10, 12. In Vinyl Tool Roll KAW-100.



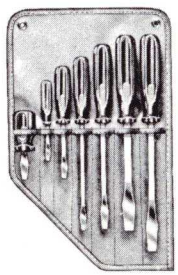
Set No. SD5R

Includes one each—310, 311, 312, 313, 314. In Vinyl Tool Roll KSD-5.



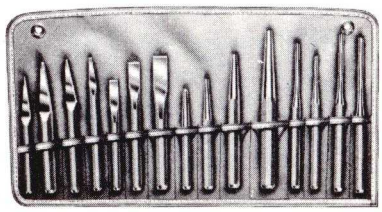
Set No. 290R

Includes one each—291, 292, 293, 294, 295. Hex Bolster Type. In Vinyl Tool Roll K-290.



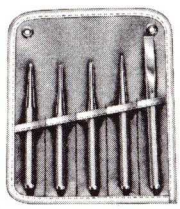
Set No. SD7R

Includes one each—310, 312, 313, 315, 316 319, 321. In Vinyl Tool Roll KSD-7.



Set No. C-15R

Includes one each—401, 402, 403, 410, 412, 421, 431, 443, 444, 445, 446, 451, 452, 453, 471. In Vinyl Tool Roll No. KC-15.

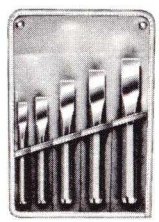


Set No. C-10R

Includes one each—400, 440, 441, 450, 470. In Vinyl Tool Roll KC-10.

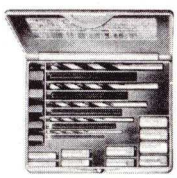
Set No. C-5R

Includes one each—402, 403, 404, 405, 406. In Vinyl Tool Roll KC-5.



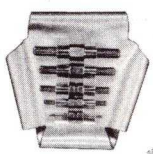
No. XX10 Extractor Set (20 Pieces)

Straight fluted extractor set in fitted die cast metal box. Contains 10 drill guides 9/32" to 9/16" O.D.; five extractors diameters ¼" to 9/16", each equipped with special hexagonal turning adaptor and five fractional drills ⅛" to 11/32".



No. XX5 Extractor Set (5 Pieces)

Contains five straight fluted extractors, screw diameter ¼" to 9/16". With special hexagonal turning nuts. In fitted plastic kit.



No. X-5R Extractor Set (5 Pieces)

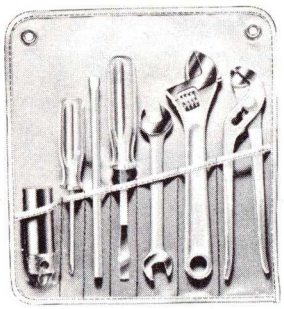
Popular twist or screw type extractor set. Includes complete range of sizes. ⅛" to ¾" capacity. In vinyl tool kit shown No. KX-5.

CAR OWNERS SERVICE KIT HERBRAND TOOL KITS

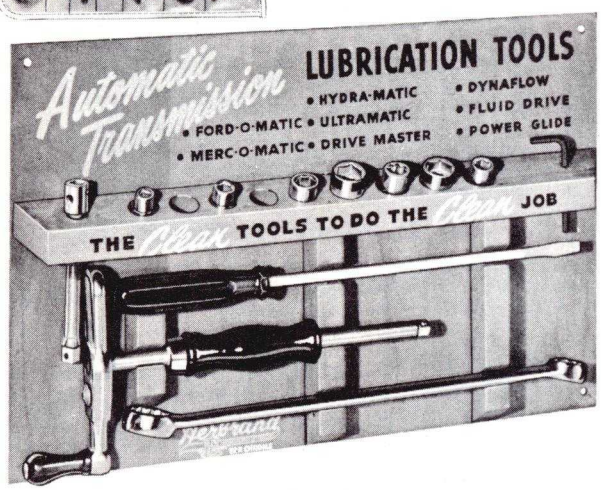
Set No. AO-700R (7 Pieces)

A practical all around kit for the car, home, shop or farm. Each "Van-Chrome" tool fits perfectly into the clear plastic pockets of the new attractive vinyl tool roll.

Compact enough to fit in the glove compartment, it is always readily available for any emergency with a range of utility far beyond the average tool assortment.



This handy set contains the following tools—
Adjustable Wrench—21-8; Adjustable Pliers—41-8; Screw Drivers—315-A, 361-P; Open End Wrench—1725-B; ½" Drive Deep Socket*—DS-26; "T" Bar—DSH-6. In Vinyl Tool Roll KAO-700.
*Other Deep Sockets may be specified.

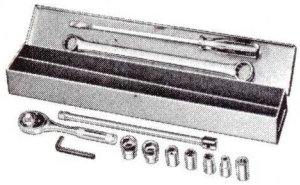


Car owners know that dirt in the automatic transmission oil can result in expensive repair bills. The Herbrand Lub-O-Matic Tool Board on your garage or service station wall shows them you have the correct special tools to service automatic transmissions and indicates a *clean* job will be done. Each tool has been carefully selected and tested to provide the most practical assortment of tools for this specialized lubrication job. All tools are of highest quality alloy steel. Easy to clean chrome plated finish.

Set No. SS-60

A deluxe universal set of Lub-O-Matic tools which will help establish a station as automatic transmission service headquarters. Contains—Speed Ratchet—J-9A; Extension—J-27; Allen Hex Bit—J-61; Sockets—J-214, J-509, J-614, J-616, J-618, JC-624, JH-622; Screw Driver—317; 6 Point Box Wrench—4623; Long Box Wrench—5733. On attractive lettered Lub-O-Matic Board as shown above.

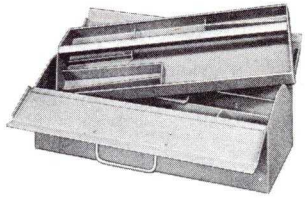
Set No. SS-41



Includes Hold-It Sockets—JC-624, JC-622 for Chrysler and Hudson; Screw Driver—317; Box Wrench—5733; Allen Wrench—AW-6; Reversible Ratchet—J-7; Extension—J-29; Sockets—J-214, J-509, J-614, J-616, J-618. In Metal Box B905.

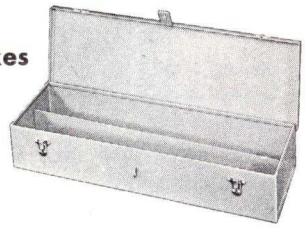
Set No. SS-40. Same as above on Lub-O-Matic Wall Board.

No. B902 & B901 Hip Roof Boxes



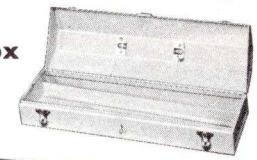
Heavy gauge steel box. Blue wrinkle finish.
NO. B902 As shown. 22" x 8½" x 7⅛". Wt.—15 lbs.
NO. B901 Same as B902 but only one tote tray.

Heavy Duty Series Tool Boxes

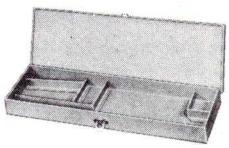


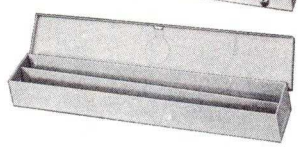
For ¾" drive series. Blue wrinkle finish.
NO. B1201 22½" L x 5⅜" W 3⅛" D; weight—6¼ lbs.
NO. B1202 23⅛" L x 7⅛" W x 4" D; weight—8⅝ lbs.

No. B806 Standard Hip Roof Box



For ½" drive series and general use. Smooth colortone finish. 20" L x 5½" W x 4" D; weight—4⅝ lbs.



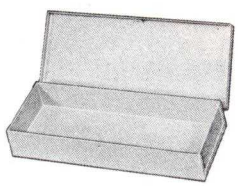


No. B602 Junior Tool Box

For ⅜" drive series. Fitted compartments for all tools. Blue wrinkle finish. 18⁹⁄₁₆" L x 5⁹⁄₁₆" W x 1⁹⁄₁₆" D; weight—2⅛ lbs.

No. B802 Standard

For ½" drive series sockets and handles. Blue enamel finish. 19" x 3" x 2¼"; weight 2⅜ lbs.

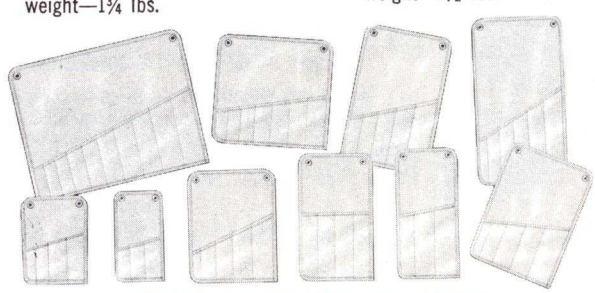


Midget Tool Boxes

For ¼" drive series. Blue wrinkle finish.
B-401 (Not shown) 7" x 3" x 1¼"; weight—⅝ lb.
B-402 (As shown) 9⅝" x 6" x 1½"; weight—1¾ lbs.

Deep Socket Boxes

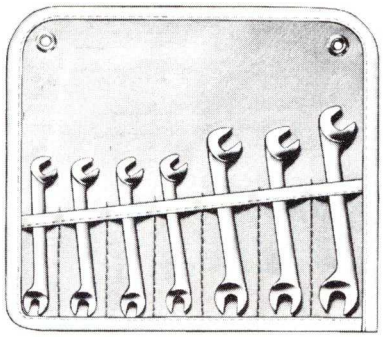
For ½" drive sockets. Blue wrinkle finish.
B-810 (Not shown) 7½" x 3½" x 1¹³⁄₁₆"; weight—1⅛ lbs.
B-811 (As shown) 11¼" x 4¼" x 1⅝"; weight—1½ lbs.



HERBRAND TOOL KITS

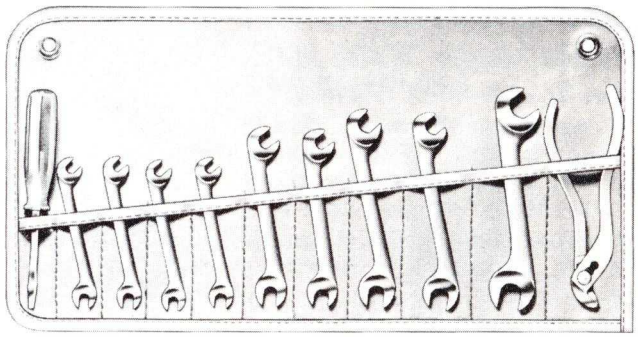
The latest development in tool rolls. Tough, crystal clear, polished vinyl plastic pockets show every detail of every tool. Body of kit made of heavy vinyl coated fabric. Scuff proof, oil resistant, won't crack, or peel. All seams double stitched. The finest kits made.

WRENCH SETS IN VINYL PLASTIC ROLL KITS



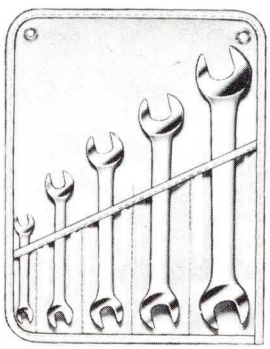
Set No. 97R (7 Pieces)

Ignition Wrench Set. Includes Wrenches Nos. 81, 82, 83, 84, 85, 86, 87. In vinyl tool roll as shown No. K-97



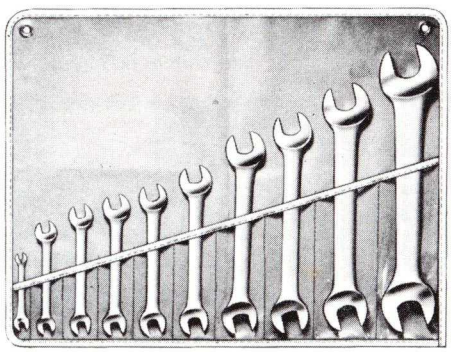
Set No. 96R (11 Pieces)

Complete Ignition Wrench Set. Includes Wrenches Nos. 81, 82, 83, 84, 85, 86, 87, 88 and 89; Screw Driver No. 310; Ignition Plier No. 160. In vinyl tool roll shown No. K-96.



Set No. 1750R (5 Pieces)

Popular Open End Wrench Set. Contains 10 most used size openings from ¼" to ⅞". Includes Nos. 1021-S, 1723, 1725-B, 1027-B, 1731-A. In vinyl roll shown No. K-1750.

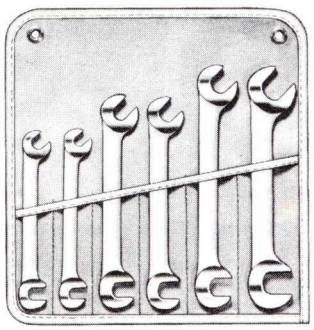


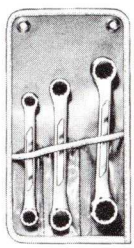
Set No. 1760R (10 Pieces)

Complete Open End Wrench Set. Provides size openings ranging from ¼" to 1¼". Includes Nos. 1021-S, 1723, 1725, 1725-B, 1727, 1027-B, 1731, 1731-A, 1033-C, 1737. In vinyl tool roll shown No. K-1760.

Set No. 1836R (6 Pieces)

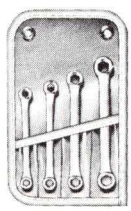
Obstruction Wrench Set. Includes full range 45° to 90° offset size openings from ⅜" to ¾". Wrenches Nos. 1821, 1823, 1825, 1827, 1829, 1831. In vinyl tool roll shown No. K-1836.





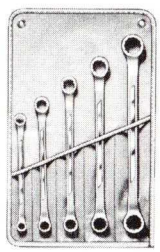
Set No. 4920R (3 Pieces)

Short Double Offset Box Wrench Set. 6 popular 12 Point openings ⅜" to 1 1/16". Includes Wrenches Nos. 4923, 4925 and 4927. In vinyl tool roll shown No. K-4920.



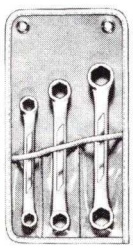
Set No. 70R (4 Pieces)

Midget Box Wrench Set. Includes Nos. 71, 72, 73, 74. In vinyl tool roll as shown No. K-70.



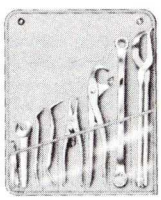
Set No. 5920R (5 Pieces)

Box Wrench Set 15° Angle Offset. Includes size range from ⅜" to ⅞". Wrench Nos. 5923, 5925, 5927, 5929, 5931. In vinyl tool roll shown No. K-5920.



Set No. 4620R (3 Pieces)

Short Double Offset Box Wrench Set. 6 popular 6 Point openings ⅜" to 1 1/16". Includes Wrenches Nos. 4623, 4625 and 4627. In vinyl tool roll shown No. K-4620.

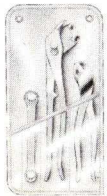


SET NO. BR8R (8 Pcs.)

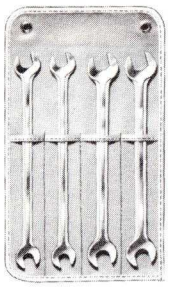
Universal Brake Service Kit. Includes the right tools to service all passenger car brakes. Tool Nos: G-14; 603-1 1/16"; 301; 303; 186; 188; 3934, ¾" x 1 5/16"; 183A. In vinyl roll shown No. KBR-8.

SET NO. B3R

Universal Battery Service Set. Includes exclusive battery and terminal lifter No. 177, plier No. 178 and wrench No. 276. In vinyl tool roll shown No. KBR-3.

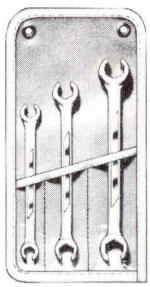


WRENCH SETS IN VINYL PLASTIC ROLL KITS AND METRIC SETS



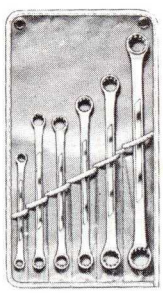
Set No. T-40R 15° Angle (4 Pieces)

Popular Master Tappet Set. Includes most used tappet wrenches with sizes ½", 9/16", 5/8" and 11/16", Contains 2 No. T-22 and 2 No. T-23. In vinyl kit shown No. K-40.



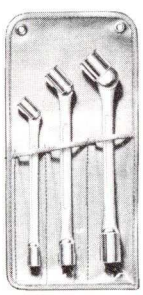
Set No. 1320R (3 Pieces)

Flare Nut Wrench Set. 6 most used openings 3/8" to 11/16". Contains Wrench Nos. 1323, 1325 and 1327. In vinyl tool roll shown No. K-1320.



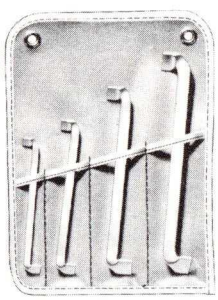
Set No. 3901R (6 Pieces)

Double Offset Box Wrench Set. Includes most popular sizes from 3/8" to 15/16". Wrench Nos. 3923, 3925, 3927, 3929, 3931, 3933. In vinyl tool roll shown No. K-3901.



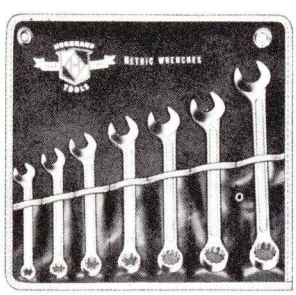
Set No. 6821R (3 Pieces)

Flexible Box Wrench Set. Multiple utility because of flexible heads. Sizes 3/8" to Spc. 3/4". Includes Wrench Nos. 6823, 6825, 6827. In vinyl roll shown No.K-6821.



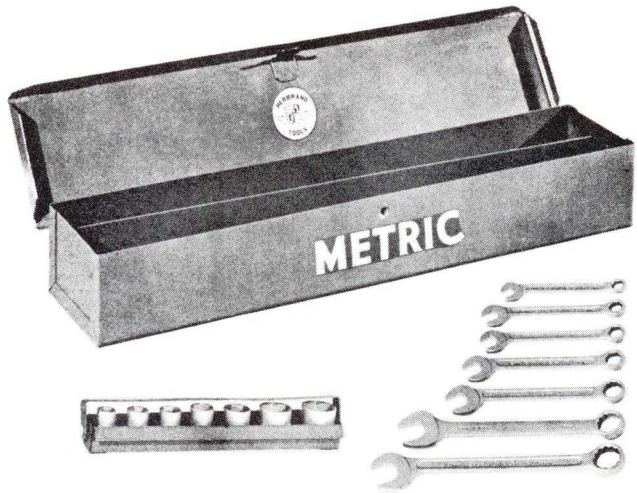
Set No. 350R (4 Pieces)

Offset Screw Driver Set. Popular 45° offset bits. Includes sizes 3/16" to 3/8". Includes Nos. 351, 352, 353, 354. In tool roll shown No. K-350.



Set No. 1290-MR Metric Wrenches

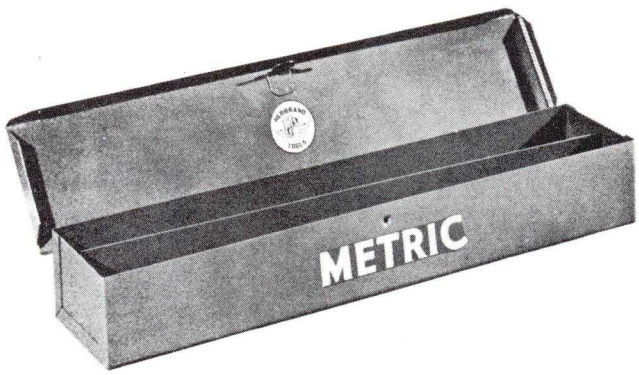
Includes the 7 most popular size metric wrenches. 1209M (9mm) 6-Pt., 1210M (10mm) 6-Pt., 1211M (11mm) 6-Pt., 1212M (12mm) 6-Pt., 1214M (14mm) 12-Pt., 1217M (17mm) 12-Pt., 1219M (19mm) 12-Pt.

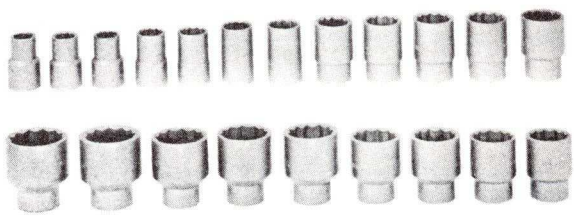


NO. JM-620 3/8" SQUARE DRIVE SET (16 pieces)

This new set of Herbrand Metric Sockets and Combination Wrenches covers the most popular range of sizes necessary for servicing foreign cars. Made of finest forged steel alloy. Steel chrome plated. Wrenches with fully polished heads.

Includes seven regular length 6 pt. sockets: JM-609 (9MM), JM-610 (10MM), JM-611 (11MM), JM-612 (12MM), JM-614 (14MM), JM-617 (17MM), JM-619 (19MM), and seven metric combination wrenches 1209M (9MM), 1210M (10MM), 1211M (11MM), 1212M (12MM), 1214M (14MM), 1217M (17MM), and 1219M (19MM), with socket tray No. B-651 and box B-801 stenciled with "METRIC".





NO. SM-133 1/2" SQUARE DRIVE SET (22 pieces)

Set No. SM-133 contains the full line of Herbrand hot forged alloy steel thin wall metric sockets to cover all jobs of foreign cars requiring millimeter size sockets. Includes 21 sockets SM-111 (11MM), SM-112 (12MM), SM-113 (13MM), SM-114 (14MM), SM-115 (15MM), SM-116 (16MM), SM-117 (17MM), SM-118 (18MM), SM-119 (19MM), SM-120 (20MM), SM-121 (21MM), SM-122 (22MM), SM-123 (23MM), SM-124 (24MM), SM-125 (25MM), SM-126 (26MM), SM-127 (27MM), SM-128 (28MM), SM-129 (29MM), SM-130 (30MM), SM-132 (32MM), and box No. B-801 stenciled with "METRIC".

"HEX-FIT" WRENCH SETS IN VINYL PLASTIC ROLL KITS

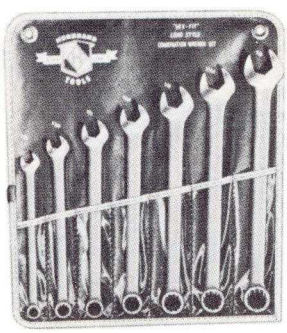
LONG SERIES

SET NO. 1290LR
(5 Pieces, 6-Point)

"Hex-Fit" long series combination wrench set. Includes size range from 3/8" to 5/8". Contains Nos. 1212LH, 1214LH, 1216LH, 1218LH, and 1220LH in vinyl roll K-1290. Set No. 1290LB (Same set in fiber box only).

SET NO. 1291LR
(7 Pieces, 6-Point)

"Hex-Fit" long series combination wrench set. Includes size range from 3/8" to 3/4". Contains Nos. 1212LH, 1214LH, 1216LH, 1218LH, 1220LH, 1222LH and 1224LH in vinyl roll K-1291.
Set No. 1291LB (same set in fiber box only).

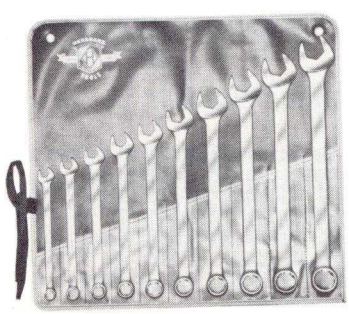


SET NO. 1292LR
(7 Pieces, 12-Point)

"Hex-Fit" long series combination wrench set. Includes size range from 3/8" to 3/4". Contains Nos. 1212L, 1214L, 1216L, 1218L, 1220L, 1222L, and 1224L in vinyl roll K-1291. Set No. 1292LB (same set in fiber box only).

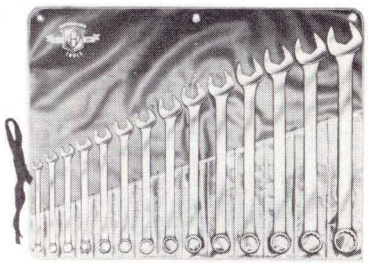
SET NO. 1293LR
(7 Pieces, four 6-Point, three 12-Point)

"Hex-Fit" long series combination wrench set. Includes size range from 3/8" to 3/4". Contains Nos. 1212LH, 1214LH, 1216LH, 1218LH, 1220L, 1222L, and 1224L in vinyl roll K-1291.
Set No. 1293LB (same set in fiber box only).



SET NO. 1294LR
(10 Pieces, 12-Point)

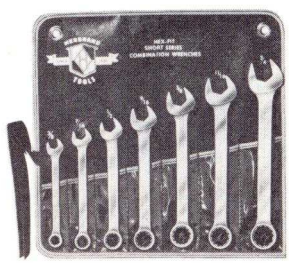
"Hex-Fit" long series combination wrench set. Includes size range from 7/16" to 1". Contains Nos. 1214L, 1216L, 1218L, 1220L, 1222L, 1224L, 1226L, 1228L, 1230L, and 1232L in vinyl roll K-1294.
Set No. 1294LB (same set in fiber box only).



SET NO. 1296LR
(14 Pieces, 12-Point)

"Hex-Fit" long series combination wrench set. Includes size range from 3/8" to 1 1/4". Contains Nos. 1212L, 1214L, 1216L, 1218L, 1220L, 1222L, 1224L, 1226L, 1228L, 1230L, 1232L, 1234L, 1236L, and 1240L in vinyl roll K-1296.
Set No. 1296LB (same set in fiber box only).

SHORT SERIES



Set NO. 1283SR
(7 Pieces, 6-Point)

"Hex-Fit" short series combination wrench set. Includes size range from 3/8" to 3/4" Contains Nos. 1212SH, 1214SH, 1216SH, 1218SH, 1220SH, 1222SH, and 1224SH in vinyl roll K-1283-S.
Set No. 1283SB (same set in fiber box only).

SET NO. 1284SR
(7 Pieces, 12-Point)

"Hex-Fit" short series combination wrench set. Includes size range from 3/8" to 3/4". Contains Nos. 1212S, 1214S, 1216S, 1218S, 1220S, 1222S, and 1224S, in vinyl roll K-1283S.
Set No. 1284SB (same set in fiber box only).

SET NO. 1285SR
(7 Pieces, four 6-Point, three 12-Point)

"Hex-Fit" short series combination wrench set. Includes size range from 3/8" to 3/4". Contains Nos. 1212SH, 1214SH, 1216SH, 1218SH, 1220S, 1222S, and 1224S in vinyl roll K-1283S.
Set No. 1285SB (same set in fiber box only).

HERBRAND "VAN-CHROME" WHEEL PULLERS
UNIVERSAL WHEEL PULLER – BEARING SEPARATOR

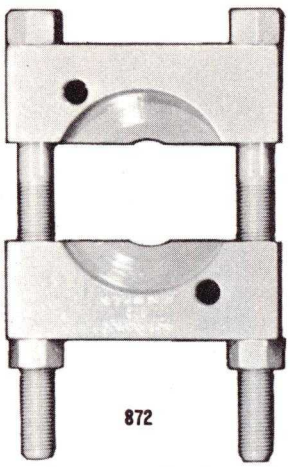
825C Puller Set. As pictured with drive handle; weight each—11 1/16 lbs.
825 Puller. Without 825H drive handle; weight each—9 1/16 lbs.

UNIVERSAL WHEEL HUB PULLER

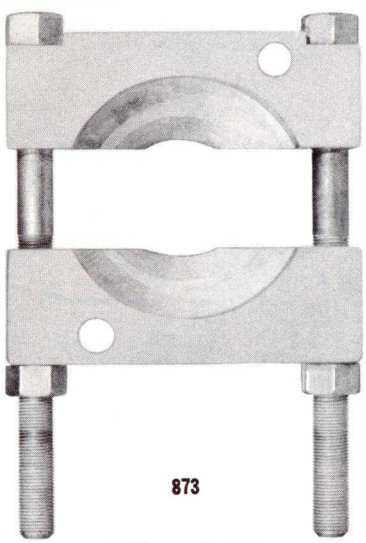
The most practical and versatile hub puller made. Sliding puller arms *quickly and easily adjust to fit any type hub.* Because of unique arm suspension a straight pull is made on all size bolt circles up to and including 7½" in diameter. The heavy duty forcing screw rides in a sliding bearing to permit use of bumping action on screw drive end or drive handle without damage to the threads. The floating cap on the contact end of the screw centers on the axle and, by its action, prevents injury to the axle or the puller screw. All alloy steel construction for added ruggedness and long life. Finished in all satin plate.

825A Ford Adaptor (1936-48) Use two puller arms, fit into groove in hub and turn up forcing screw; weight each—3 1/16 lbs.
825H Drive Handle. Use hammer on driving faces to increase power on forcing screw; weight each—2 lbs.

HERBRAND BEARING SEPARATOR—PULLER ATTACHMENT



5¾" Long x 3½" Wide



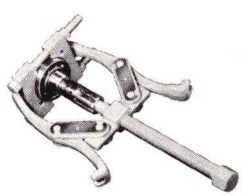
9" Long x 6" Wide

No 872 BEARING SEPARATOR PULLER. This attachment is designed for removing generator gears, bearings, bearing cones and similar parts where these parts are placed so close to a housing or other obstruction that a separator-puller is required. The knife edges are flush on one side to get behind the work for easy pulling. Use with Herbrand "Quick-Lock" jaw pullers or cross-arm pullers as shown above. Capacity up to 2¼" O.D. Overall dimensions, 3½" x 5¾", weight—1⅜ lbs.

873 Bearing Separator Puller. Same as No. 872, but with capacity up to 4¼" O.D.

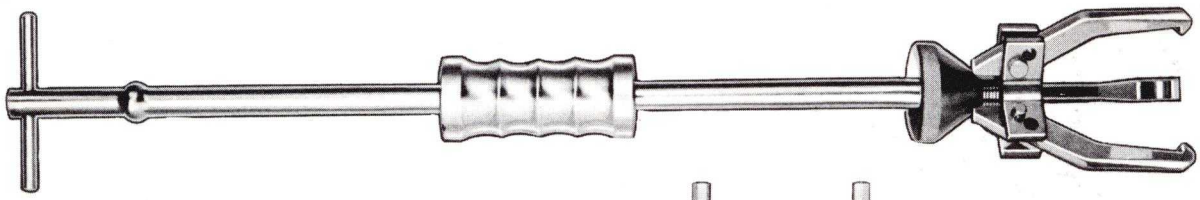
Herbrand Van Chrome pullers are engineered to service all usual automotive requirements. The wide range of application of these pullers is further extended by the interchangeability of the various puller components so that a maximum number of puller combinations can be built up from the minimum possible number of parts. This, together with their ease of use, speed in adjusting, safety and long service life make Herbrand pullers the favorite of mechanics everywhere.

Illustrations showing Separator-Puller in use



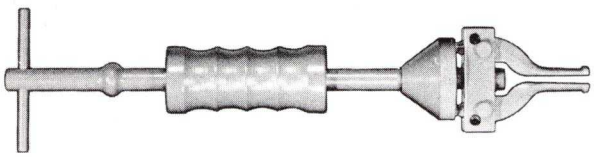
The illustrations above show the application of the Herbrand Separator-Puller Attachment as used with Herbrand No. 861 cross-arm puller (left) or with Herbrand No. 831, "Quick-Lock", reversible jaw, puller (right) to get behind a bearing or untapped gear where ordinary puller jaws will not reach.

HERBRAND "VAN-CHROME" WHEEL PULLERS
SLIDE HAMMER PULLERS

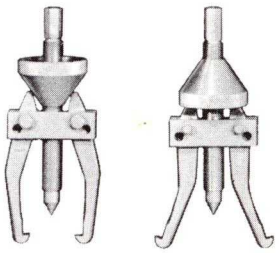


No. 866—24" SLIDE HAMMER shown above has a 3-way yoke, reversible for inside or outside pulling. The fully interchangeable parts make up a wide range of 2-way or 3-way pullers with jaws reversible for inside or outside pulling. The slide hammer may be removed and forcing screw 868S added to make up screw type pullers as shown below.

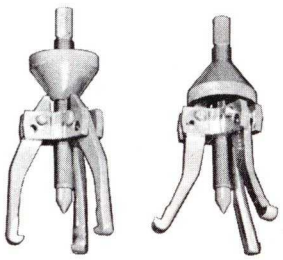
866—As shown includes 866E, 866H, (3) 866J, 866N, (3) 866P, 866S and 866Y; all alloy steel, drop forged for strength and safety. Bright chrome plated. Capacity 0-5" O. D., 1¼"-6" I.D.; weight—7⅛ lbs.



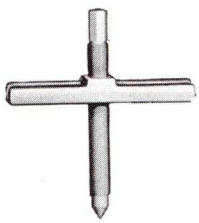
No. 867—14" PILOT BEARING PULLER. Removes flywheel pilot bearings, motor and generator bearings and blind recessed bearings. Capacity ½"—1½"; weight 5⅛ lbs.
Mechanics already having 866 Slide Hammer need add only 866B and (2) 867J to make pilot bearing puller.



No. 858 includes 866B, (2) 866J, 866N, (2) 866P and 868S.

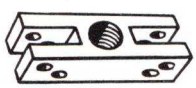


No. 868 includes (3) 866J, 866N, (3) 866P, 866Y and 868S.

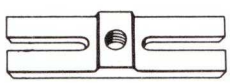


No. 869 includes 866C and 868S.

These interchangeable parts make up the slide hammers and screw pullers shown on this page.



866B—2-way cross arm, 2⅞" long, 2 pair of jaw pivot holes provide each arm parallel jaw alignment with greater strength; weight per 10—3¼ lbs.



866C—Deep slotted cap screw cross arm, 6" long. Use in pulling gears, pulleys, etc.; weight per 10—11¼ lbs.

866E—Ball Tip Expander, fits end of 866S or 867S for small internal pulling. Easy adjustment with a turn of the handle; weight per 10—⅝ lb.

866G—Single Jaw, 2 15/16" long, for pulling grease retainers, bushings, brake work, etc.; weight per 10—2⅛ lbs.

866H—Sliding Hammer, with form fit grip, 4½" long; weight 2⅞ lbs. each.

866J—Reversible Puller Jaws 5" long, drop forged and accurately machined for positive adjustment; weight per 10—2⅛ lbs.

866N—Knurled reversible Adjusting Cone, 2¼" diameter; weight per 10—6½ lbs.

866P—Push Pull Pin to hold jaws in place. Lock ball action with knurled head; weight per 10—⅜ lb.

866S—T-Handle Puller shaft 24" long with forged no-pinch safety stop; weight per 10—21 9/16 lbs.

866Y—3 way yoke for 3 jaw pulling. Two staggered holes for each arm giving greater range and adaptability; weight per 10—4⅞ lbs.

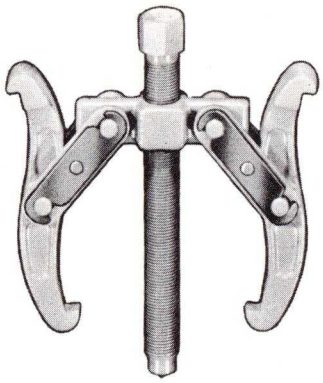
867J—Pilot Bearing Puller Jaw drop forged and milled to insure grip on blind recessed bearings. Weight—1¼ lbs.

867S—T-Handle puller shaft, 14½" long with forged no-pinch safety stop; weight per 10—13 7/16 lbs.

868S—Hex Head Puller Screw, 6¾" long with floating centering tip; weight per 10—4⅝ lbs.

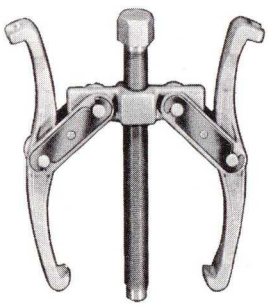
868T—Replacement centering tip for 868S screw, push pull design; weight per 10—½ lb.

HERBRAND "QUICK-LOCK" PULLERS



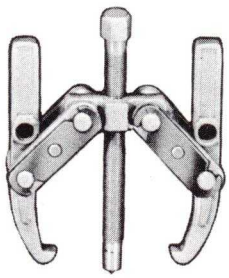
830

6" reversible jaw puller, 3½" reach, 6" spread. Designed for maximum safety and utility. Has wide and narrow face jaws for variety of applications. Buttress theaded forcing screw. Weight—1⅞ lbs.



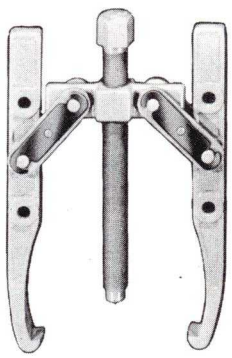
831

8" reversible jaw puller, 5½" reach, 8" spread. Heavy duty type for automotive and industrial uses. Has slotted jaws for cap screw pulling of tapped gears and pulleys. Forcing screw has buttress threads. Weight—3 1⅛ lbs.



832

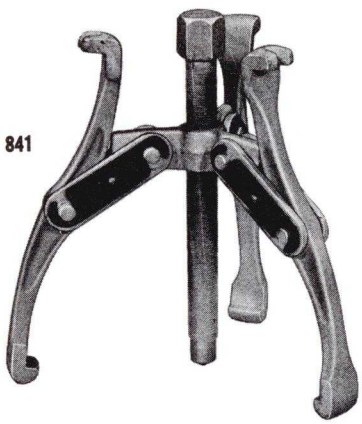
4" adjustable straight jaw puller, 3½" reach, 4" spread. For removing magneto and generator bearings and gears. Ideal for electric motor and refrigeration applications and all light and medium duty pulling.
Weight—⅞ lbs.



833

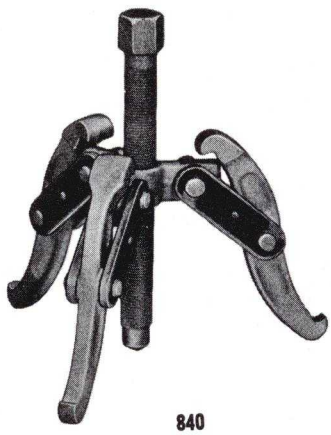
10" adjustable straight jaw puller, 9" reach, 10" spread. Adjustable effective reach—3 positions—makes this a multi-use tool for flywheel, gear and pulley removal. Buttress threads on forcing screw. Weight—4 7⁄16 lbs.

New 3 Jaw Pullers



841

No. 841—(3) Jaw—8" Puller—5½" reach, 8" spread —wt. one only—5 lbs.



840

No. 840—(3) Jaw—6" Puller—3½" reach, 6" spread—wt. one only—2⅜ lbs.

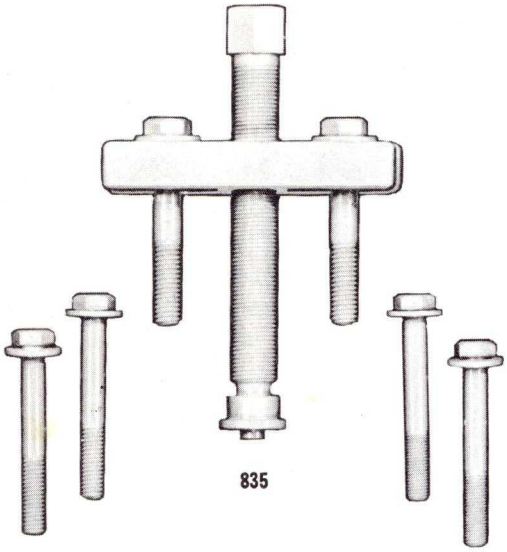
842

No. 842—(3) Jaw—10" Puller—9" reach, 10" spread (has 3 positions for multipurpose use) wt. one only 6½ lbs.

These manually operated, reversible jaw pullers are now available in 6", 8", or 10" capacity and can be converted from (3) jaw to (2) jaw work by changing the yoke.

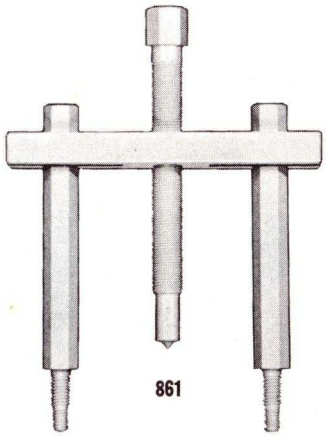
Excellent tools for pulling fly wheels, pulleys, bearings and gears. All have slotted reversible jaws—"Quick-Lock" linkage permits the adjustment, reversal or removal of puller jaws in seconds. Heavy duty applications—Forcing screw has buttress threads—all puller forgings are special alloy steel with cadmium plate finish.

HERBRAND "VAN-CHROME" PULLERS
WHEEL PULLER, TIMING GEAR PULLER, STUD PULLERS



NO. 835 STEERING WHEEL PULLER

A 2-way puller with capacity to handle steering wheels tapped on 3½" centers, maximum. Floating tip on forcing screw prevents damage to steering tube. Includes 3 pairs of 2½" long side screws, 5/16-18, 5/16-24 and 3/8-16. Bright cadmium plate; weight—1 5/16 lbs.



Pullers 835, 861 and 862 have one inch square cross arm (of special steel) and rounded corners for a more durable puller.

No. 820 Eccentric Stud Puller

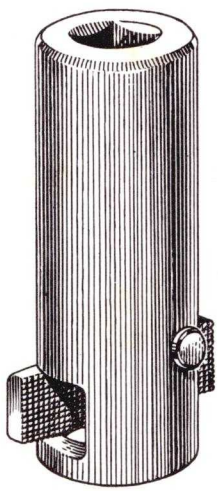
Newly engineered and designed for greater efficiency. The eccentric wheel is readily reversible for double life. Drive member is detachable for use as ½" drive extension 1" long; precision cut teeth release stud easily; all alloy steel construction. Capacity ¼" to ¾" stud; ½" square drive. Bright chrome plate; weight—1⅛ lbs.

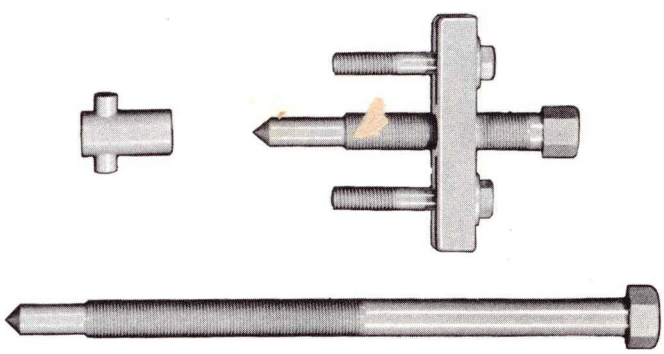
NO. 862 HARMONIC BALANCER PULLER

A two-way puller for removing any tapped gear, pulley or balancer. Includes 4" cross-arm 4¾" universal forcing screw, 10½" Chevrolet special forcing screw and a driver which fits Chevrolet crank jaws to make a re-installing tool of puller assembly. Bright cadmium plate; weight—2½ lbs.

No. 821 Wedge Stud Puller and Setter

Adaptable to both *power and hand use,* the wedge type stud tool requires but a small turning radius. A single specially serrated tapered wedge tightens grip as pressure is applied yet releases easily. Handles studs up to 9/16" diameter. All alloy steel construction, chrome plated finish. ½" square drive; 1 5/16" diameter; 3½" long; weight per 10 pcs.—9 lbs.





HERBRAND FEELER GAUGES

G-5A Contains 7 offset blades .018, .019, .020, .021, .024, .025, .026 and 4 straight blades .015, .016, .018 and .019. Designed to clear hot manifolds while adjusting tappets.

G-7 Spark Plug Wire Gauge. Contains one electrode bender and eight wire gauges: .022, .025, .028, .030, .032, .035, .038 amd .040; weight per 10—¾ lb.

G-8A Ford Gauge. Contains 13 "go & no-go" blades 3 5/16" x ½" with ⅝" step in: .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .021-.023, .024-.026, .025-.027; four ignition taper blades .015, .016, .020, and .025; two straight wire feelers for voltage regulator cut out .017 and .030; three spark plug gap bent wire feelers .025, .028, .035; and one electrode bender.

G-9 Piston Gauge. Contains eight 9" x ½" blades: .002, .003, .004, .005, .006, .008, .010 and .015; weight per 10—1¾ lbs.

G-10 Standard Feeler Gauge. Contains ten 3 5/16" x ½" blades: .002, 003, .004, .005, .006, .007, .008, .010, .012 and .015; weight per 10—⅞ lb.

G-11A Ignition Gauge. Contains 16 1 9/16" x ¼" blades: .011, .012, .013, .014 .015, .016, .017, .018, .019, .020, .022, .024, .025, .028, .030, and .032.

G-12A Chevrolet Gauge. Contains 8 3 5/16" x ½" blades: .006, .007, .008, .010, .012, .013, .015, and .020; 4 3 5/16" by ¼" ignition taper blades, .016, .018, .020, .022; 3 spark plug bent wire gauges: .032, .035, and .040; and 1 electrode tool.

G-13A Delco-Remy Distributor Gauge. Contains 12 blades 1¾" x ¼", Special width, for point adjustment: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, and .025.

G-14 Brake Gauge. Contains nine 4" x ¼" blades: .002, .004, .005, .006, .007, .008, .010, .012 and .015; weight per 10—½ lb.

G-20A Combination Guage. Contains 10 3 5/16" x ½" blades: .002, .003, .004, .005, .006, .007, .008, .010, .013 and .015; twelve 1⅜" x ¼" fingers: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022 and .025.

G-25 Universal Master Gauge. Contains twenty-five 3 5/16" x ½" blades: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .018, .020, .022, .024, .025, .028, .030, .032 and .035; weight per 10—2½ lbs.

G-26 Special Carburetor Gauge. For anti-percolator and fast idle adjustments. Contains twelve straight wire gauges: .010, .012, .015, .018, .020, .023, .026, .030, .040, .045, .053 and .054; weight per 10—⅝ lb.

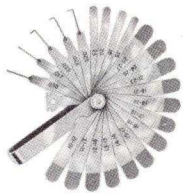
G-27 Universal Overhead Valve Gauge. Contains 16 blades offset to 45° angle for adjusting on all overhead valve engines: .009, .010, .011, .014, .015, .016, .017, .018, .019, .020, .021, .023, .024, .025, .026, and .027.

GT-10

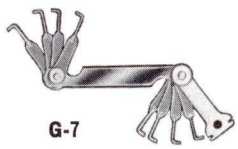
GT-10 Spark Plug Gapping Tool. New improved design for fast, accurate automatic setting of 10 thru 14 MM spark plugs. Revolving gauge accurately sized for normal spring back. Every plug set exactly the same. Handle slotted to spread electrode. Sizes include: .022, .025, .026, .028, .030, .032, .035, .036, .038 and .40; weight per 10—8¼ lbs.

Replacement Blades. Available in following sizes, six blades to the package: G0015-G002, G003-G020, G021-G040, GL0015-GL1002, GL003-GL020, GL021-GL040.

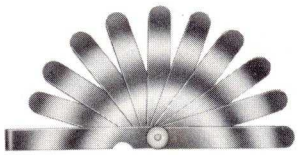
G-5A



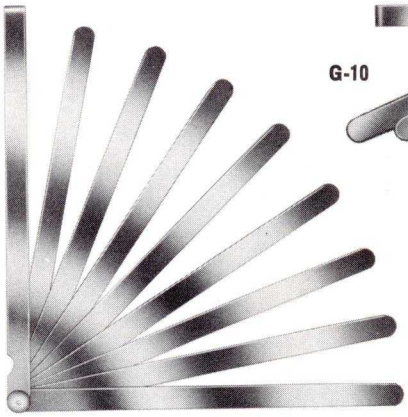
G-8A



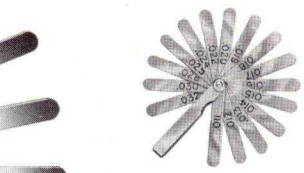
G-7



G-10



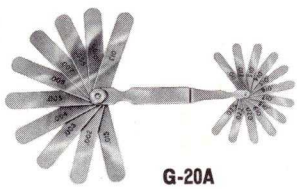
G-9



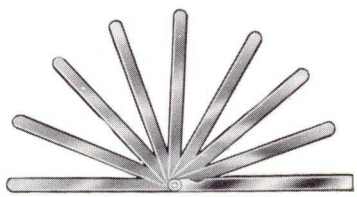
G-11A

G-13A

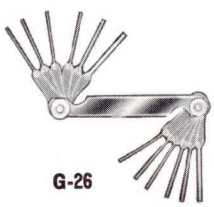
G-12A



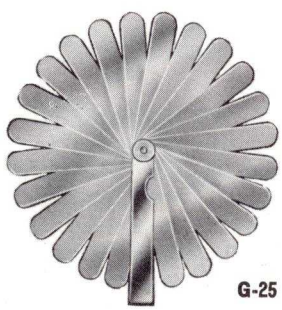
G-20A



G-14

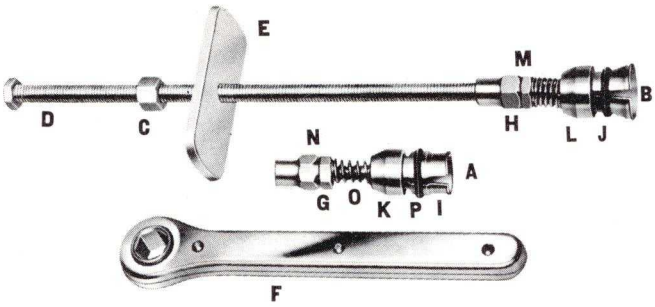


G-26

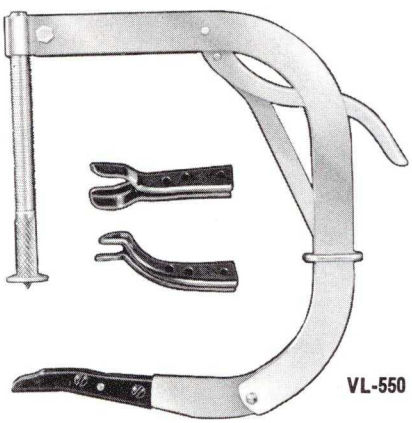


G-25

G-27



VL-525-A (Small Puller Head)
VL-525-B (Larger Puller Head)
VL-525-C (Drive Nut—Upper)
VL-525-D (Stud)
VL-525-E (Plate)
VL-525-F (Ratchet)
VL-525-G (Cone Stud—Small)
VL-525-H (Cone Stud—Large)
VL-525-I (Jaw Set—Small)
VL-525-J (Jaw Set—Large)
VL-525-K (Collar—Small)
VL-525-L (Collar—Large)
VL-525-M (Cone Stud Nut—Small)
VL-525-N (Cone Stud Nut—Large)
VL-525-O (Comp. Spring—Both)
VL-525-P (Ext. Coil Spring—Both)



VL-530 Split Lock Replacer
The handiest tool made to hold and position valve stem split locks. Holds locks so firmly they cannot drop out until released in position. Works easily in smallest area. O.A.L. 8¼"; weight per 10—2-3/16 lbs.

No. T-100 Tappet Adjuster
Especially designed for overhead valves. The spring loaded blade moves freely inside handle to permit user's hand to remain steady when engine is in operation. Notched tip keeps blade from slipping off the adjustment screw. O.A.L. 7"; weight per 10—1⅞ lbs.

NO. VL-525 HYDRAULIC VALVE LIFTER UNIT

Complete tool for quick, efficient removal of any hydraulic valve lifter from straight or "V" type engine. Unnecessary to remove camshaft — pulls from top of engine. Completely assembled unit is 12" long. Weight per 10 units—10½ lbs.
(Unit is *not* guaranteed against damage of any description.)

"C" TYPE VALVE LIFTERS

Deep throat lifters, designed to service O.H.V. and L-head engines without manifold removal. Positive adjustment to valve length, slide locks compressed spring leaving both hands free. Use with VL-530 replacer. Each lifter includes 3 pair jaws listed below.

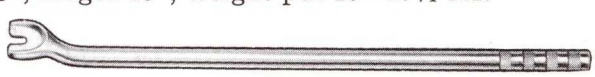
VL-550 Standard. Height 10¼", width 9½"; weight 7 lbs. each.
VL-560 Heavy Duty. Height 10¾", width 12"; weight 9¼ lbs. each.
VL-551 Straight Jaws. Capacity 1"-1¾"; weight ¼ lb.
VL-552 Large Straight Jaws. Capacity 1½"-2½"; weight ¼ lb.
VL-553 High Offset Jaws. Capacity 1-1¾"; weight ¼ lb.
VL-554 Cadillac Adaptor. (Not included with lifters), for use with VL-530. Weight 3/16 lb.

VL-540 Screw Type Valve Lifter
Short, compact and rugged, this lifter is recommended for all L-Head engines using straight valve stems. Length 9"; weight per 10—13¼ lbs.

No. S-76C Caster Camber Wrench
For Chrysler caster-camber adjustment. Also fits some G M products. Opening 1 13/32"; ½" square drive; weight per 10—5-1/16 lbs.

No. S-80C Fits 1953-54 Pontiac and 1953-54 Cadillac. Opening 1⅜", ½" square drive; weight per 10—4½ lbs.

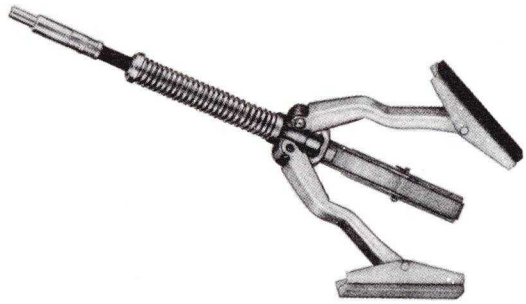
No. 2356V Ford Link Separator
A powerful separating tool with tapered prongs designed to readily wedge between and easily separate most tightly frozen assemblies. Openings 41/64" x 3⅛"; length 15"; weight per 10—17¾ lbs.



No. 2365 Ford Valve Lifter
New improved design to cover all model Ford valve service work. Fork end especially constructed to handle both the 60 and 85 series engines. Jaw opening 33/64"; O.D. Head 1⅜"; O.A.L. 24"; weight per 10—24 lbs.

CYLINDER DEGLAZING HONES, BRAKE HONE

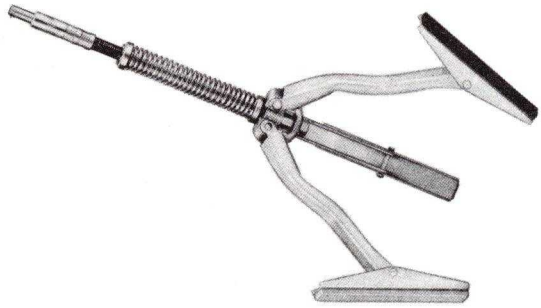
NO. CH-61



The Herbrand line of cylinder hones includes all necessary hones for deglazing cylinders of automobiles, small and large trucks, busses, tractors, industrial engines, and light engines of all types.

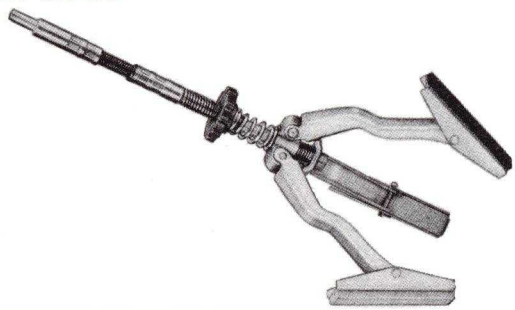
The CH-61 deglazing hone is pre-set with a built-in spring tension that applies the abrasive-stones to the cylinder walls for correct deglazing action. The CH-61 deglazing hone is designed for use in cylinders of from 2″ to 5¼″ diameter.

NO. CH-62



The CH-62 deglazing hone is pre-set and compact in design similar to the CH-61, but with a wider range of from 2″ to 7¼″ diameter for use on large trucks and industrial applications.

NO. CH-64



The new Herbrand CH-64 cylinder deglazing hone is the ideal fully adjustable hone for servicing automotive, small truck, bus, tractor, and small air-cooled aircraft and outboard engines. This bottoming type hone has a range of from 2″ to 5¼″ diameter. Its flexibility and range make it an ideal all-purpose tool for most applications.

NO. CH-63

NO. CH-63 BRAKE CYLINDER HONE

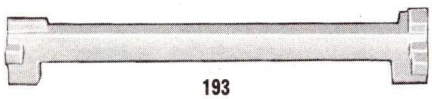
An all-purpose 280 grit hone for all brake cylinder and small engine cylinder resurfacing. Capacity ¾″ to 2¼″ diameters. Will bottom in blind holes and recondition Step-Cut cylinders. Is self-centering and self-aligning. Drive with any electric drill, ¼″ high speed preferred. Grinding head carries 3—280 grit stones.

CH-63R Stone Set, 3—280 grit stones. Flexible drive and stones for CH-63 are NOT guaranteed against damage of any description.

REPLACEMENT STONES AND FELTS

Replacement stones and felts are available for all Herbrand cylinder deglazing hones. Stones and felt are attached to hone body by pin and cotter key, making replacement simple and quick.

HONE NO.	220 GRIT	400 GRIT
CH-61	CH-61C	CH-61F
CH-62	CH-62C	CH-62F
CH-64	CH-61C	CH-61F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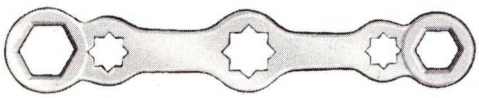
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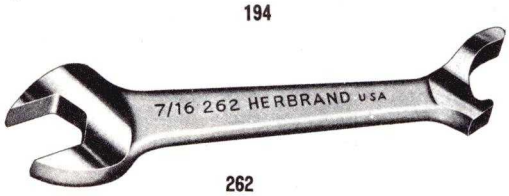

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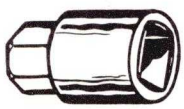
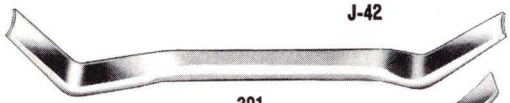

S-42

J-42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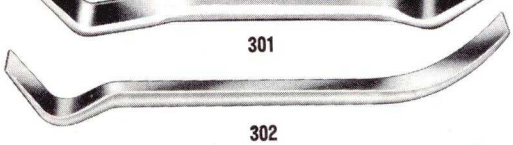
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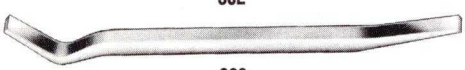
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RC-15

RC-25

491

492

497

No. 193 Drain Plug Wrench (For Female Plugs)

Includes the 7 sizes required to service most cars and trucks. Drop forged alloy steel. Square lug sizes: 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8". All satin finish. Length 8 3/16". Weight per 10—7¾ lbs.

No. 194 Drain Plug Wrench (For Male Plugs)

Includes 7 sizes covering most square or hex male plugs. 8-point: 1/2", 9/16" and ¾"; 6-point: ¾", 15/16", 1" and 1⅛". Drop forged alloy steel, heat treated and all satin finish. Length 9 3/32"; weight per 10—6½ lbs.

262 Chrysler Emergency Brake Adjustment Wrench. The only wrench needed to adjust the internal emergency brake on any Chrysler-make car with Torque-Flight or Power-Flight transmission. The 7/16" open end loosens the cap screw on the protective shield of the brake housing. The spanner end is used to make the actual adjustment on the serrated brake shoe nut.

265 Brake Shoe Retaining Spring Tool. For installation and removal of both coil type and hairpin type brake shoe retaining springs. 6" long.

J-42 3/8" Hex Filler Plug Wrench—for 59 **Ford** and **Mercury** Differential Plug—has 3/8" drive—3⅛" long—weight per 10—1 5/16 lbs.

S-42 Filler Plug Wrench—9/16" Hex

Has 1/2" drive and 9/16" hex to fit Chrysler Corp. cars using female differential carrier plug. Tool is 1½" long—⅞" diameter; weight 10—1⅜ lbs.

Star Nut Brake Tools

These 3 tools cover practically all Bendix brakes including those on '58 cars.

301—For all brakes except Chevrolet. Length 7½"; Weight per 10—2⅛ lbs.
302—Newest design in Bendix Brake tools. Both ends designed to adjust all type Bendix Brakes including 1958—Makes Adjustments without Skinning or Bumping Knuckles. Length—9¾"; Weight per 10—3 lbs.
303—Special for Chevrolet. 7" long—Weight per 10—1 7/16 lbs.

PISTON RING COMPRESSORS

Positive, non-slip ratchet action. Outer tension bands maintain equalized pressure.

RC-15 Piston Ring Compressor. Capacity 2½" to 5" diameter. Narrow lane (1" wide) RC-15 for fast ring installation in new type pistons, Chevrolet, Ford, Lincoln and Mercury since 1955 and other makes, 1956 and later.
RC-25 Single Band Friction Brake. Capacity 1½" to 3"; 2" deep; weight per 10—3⅛ lbs.
RC-50 Two Band Ratchet Brake. Capacity 2⅛" to 5"; 3½" deep; weight per 10—7 3/16 lbs.
RCT-50 Two Band Ratchet Brake. Capacity 3½" to 7"; 3½" deep; weight per 10—8⅜ lbs.
RCT-150 Four Band Ratchet Brake. Capacity 3½" to 7"; 6½" deep; weight per 10—16 9/16 lbs.

Muffler & Tail Pipe Cutters

A new development to make easy the hard job of separating old, rusted together mufflers and tail pipes. No. 491 cuts the inside pipe and No. 492 the outside pipe. Will not damage part being saved.

490 Set includes 491 and 492. Weight per 10—9¼ lbs.
491 Cuts inside pipes. O.A.L. 7"; weight per 10—4¾ lbs.
492 Cuts outside pipes. O.A.L. 7"; weight per 10—4½ lbs.

No. 497 Tail Pipe & Metal Cutter

A popular, efficient metal cutting tool. Cuts narrow ribbon of metal out of section being cut. Forged alloy steel, hardened and tempered. Length 10"; weight per 10—4¾ lbs.

SPECIAL CARBURETOR TOOLS

These special HERBRAND tools are designed to bring within the reach of all mechanics the important basic tools necessary for assembly, disassembly and adjustment of all popular carburetors.

C-528 Stromberg Jet Socket. Oval opening 3/16" wide x 1/4" long; O.D. .322"/.325"; O.A.L. 2"; 1/4" sq. drive; weight per 10—1 1/16 lb.

C-529 Stromberg Jet Socket. Oval opening 7/32" wide x 9/32" long; O.D. 3/8"; O.A.L. 2"; 1/4" sq. drive; weight per 10—9/16 lb.

C-530 Pronged Socket. Prongs are 1/16" deep and .056" wide. Socket O.D. 3/8"; O.A.L. 2"; weight per 10—1/2 lb.

C-531 Pronged Socket. Prongs are 1/16" deep and .042" wide. Socket O.D. .429"/.432"; O.A.L. 2 1/2"; weight per 10—1 lb.

C-536 Chevrolet Float Gauge. Checks level of both floats at one time on Rochester Carburetors from 1951; weight per 10—7/8 lb.

C-538 Ford Float Gauge. For Chandler Grove and Stromberg Carburetors; weight per 10—7/16 lb.

C-539 Plymouth Float Gauge. Weight per 10—5/16 lb.

C-540 Ball Retaining Ring Inserter. For installing retainer ring in pump cylinder; weight per 10—1 1/16 lb.

C-542 Ball Retaining Ring Inserter. For installing retainer ring in pump cylinder. Late model carburetors; weight per 10—1 7/8 lbs.

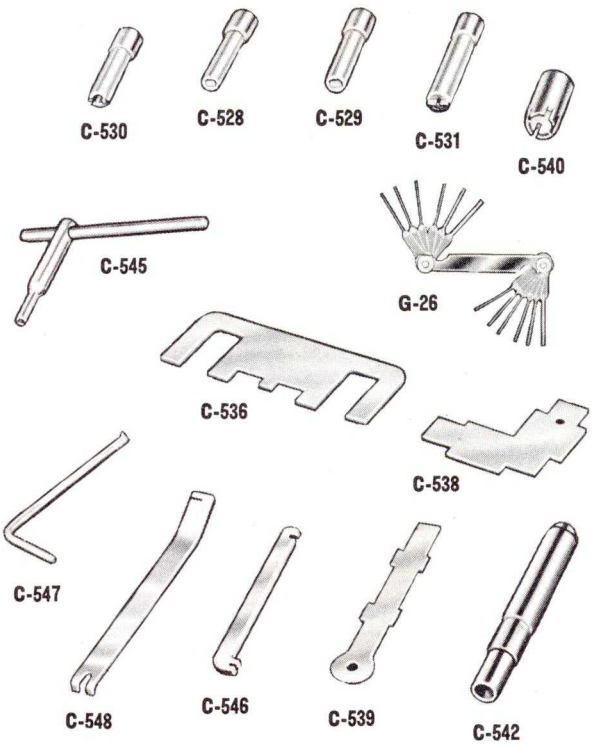
C-545 Main Vent Tube Tool. For pulling and inserting main vent tube on Carter "B & B" Carburetors. Weight per 10—3/4 lb.

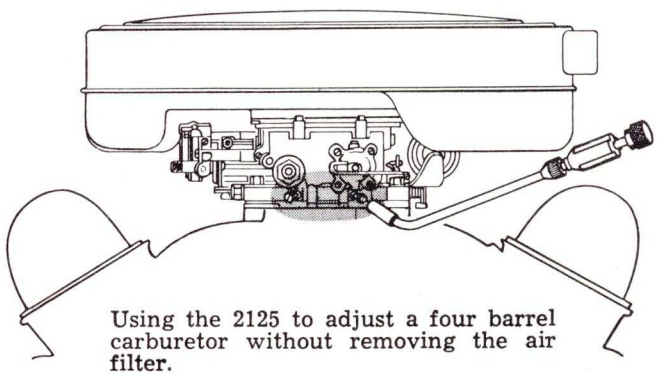
C-546 Bending Tool. For metering rod, and anti-percolator adjustment, etc. Weight per 10—5/16 lb.

C-547 Ball Retaining Ring Puller. Removes intake check ball retainer ring. Weight per 10—3/16 lb.

C-548 Economizer Valve Wrench. Weight per 10—3/8 lb.

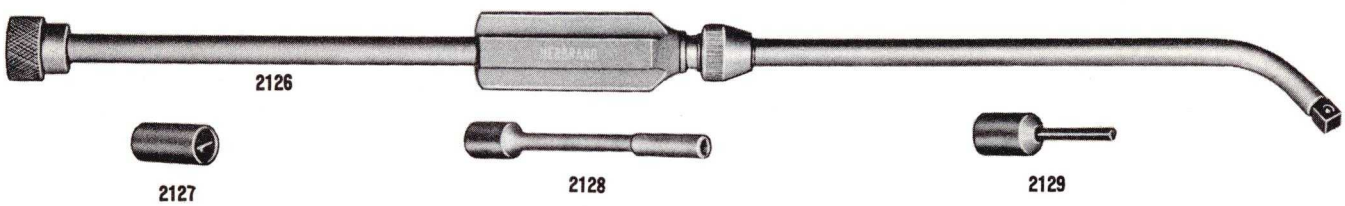
G-26 Carburetor Wire Gauge. Used to crack the throttle for anti-percolator and fast idle adjustments. Contains sizes: .010", .012", .015", .018", .020", .023", .026", .030", .040", .045", .053", .054". Weight per 10—5/8 lb.





Using the 2125 to adjust a four barrel carburetor without removing the air filter.

No. 2125 Carburetor and Distributor Adjusting Tool



No. 2125—Complete Set—4 tools (1/4" drive) for carburetor and distributor adjustments (2126, 2127, 2128 and 2129). Packed 1 set to a box.

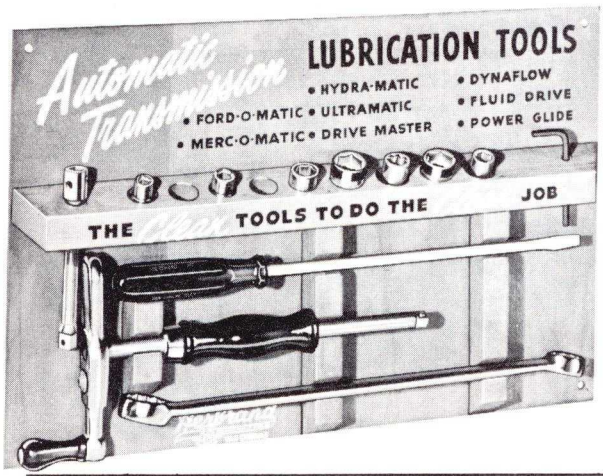
No. 2126—Handle only—has strong inner cable, sliding hand grip which may be set anywhere on the handle—turning knob permits hairline adjustment when watching "tune-up" meter. Length 16 inches. 1/4" drive only.

No. 2127—Carburetor Socket Bit only—1/4" drive allows setting of the carburetor without taking the air filter off—1" long, 7/16" dia.

No. 2128—Holly Carburetor Socket Bit—1/4" Drive Special for the Holly carburetor—Extra length clears obstruction—makes setting idle speed easier. Length 3 5/16"

No. 2129—Distributor Socket Bit 1/8" Hex—1/4" Drive for setting all distributors of the Delco-Remy type— Excellent for "tune-up" work when used with testing meter for cam angle reading. Length 1 3/4"

AUTOMATIC TRANSMISSION LUB-O-MATIC SETS



- **Ford-O-Matic**
- **Hydra-Matic**
- **Powerglide**
- **Dynaflow**
- **Merc-O-Matic**
- **Fluid Drive**
- **Ultramatic**
- **Drivemaster**

Car owners know that dirt in the automatic transmission oil can result in expensive repair bills.

The Herbrand Lub-O-Matic Tool Board on your garage or service station wall shows them you have the correct special tools to service automatic transmissions and indicates a *clean* job will be done.

Each tool has been carefully selected and tested to provide the most practical assortment of tools for this specialized lubrication job. All tools are of highest quality alloy steel. Easy to clean chrome plated finish.

No. SS-40 No. SS-41	Deluxe Universal Set No. SS-60	Herbrand Part No.	Description	Purpose
√		J-5	Ratchet Handle, 3/8" drive	Socket Turning
	√	J-9A	Speed Ratchet, 3/8" drive	Fast Versatile Socket Turning
	√	J-27	5" Extension	Reaches Top Cover Plate Bolts and 3/8" Male End for Power Glide Plate Plug
√		J-29	12" Extension	Same as J-27
	√	J-61	3/16" Hex Bit Socket	Power Glide and Hydramatic Drain Plug
√	√	J-214	7/16" 8-Point Socket	Power Glide Transmission Drain Plug
√	√	J-509	9/32" 4-Point Socket	Dynaflow Torque Converter Drain Plug
√	√	J-614	7/16" 6-Point Socket	Hydramatic Fluid Coupling Drain Plug
√	√	J-616	1/2" 6-Point Socket	Cover Plate Bolts on Hydramatic & Dynaflow Pan
√	√	J-618	9/16" 6-Point Socket	Cover Plate Bolts on Hydramatic
√	√	JC-624	3/4" 6-Point "Hold-It" Socket	Chrysler Fluid Drive Drain Plug
√	√	JH-622	11/16" 6-Point "Hold-It" Socket	Hudson Clutch Plug
√		AW-6	3/16" Allen Hex Wrench	Hydramatic, Power Glide Drain Plug
√	√	317	10" Blade Screw Driver	Screw Turning and Fly Wheel Movement
	√	4623	3/8 and 7/16" 6-Point Box Wr.	Fly Wheel Plug, Ford and Mercury
√	√	5733	7/8" and 1" Box Wrench	Dynaflow, Hydramatic Fluid Pan Drain Plug

SS-40 and SS 60 Sets include wall board. SS-41 Set furnished in metal box.

SPECIAL PURPOSE SOCKETS

No. M-71 Chevrolet Distributor Socket. Required to remove points on 1953-1954 Chevrolets. O.A.L. 1 1/16"; weight per 10—5/16 lbs.

DS-26S Special Spark Plug Socket. 13/16"6-Pt. opening; 1/2" drive; O.D. 1 1/32"; O.A.L. 3"; weight per 10—3 1/8 lbs. (Non replaceable).

HOLD-IT SOCKETS

Hold bolts and nuts firmly in socket. 3/8" square drive.

JH-622 11/16" 6-Pt. O.A.L. 1 1/16"; weight per 10—1 lb.

JC-624 3/4" 6-Pt. O.A.L. 1 1/16"; weight per 10—1 1/8 lbs.

CONNECTING ROD SOCKETS

(Non replaceable)
Designed to service connecting rod bolts. 1/2" drive.

S-118V Ford 9/16", O.D. 49/64"; weight per 10—1 1/4 lbs.

S-614V Cadillac 7/16", O.D. 21/32"; weight per 10—1 5/16 lbs.

SPJ-26 (3/8" drive) **OR SPS-26** (1/2" drive) **14 MM Spark Plug Socket.** Socket has rubber insert to hold plug—hex drive for use with standard wrench. Both 2 1/2" long, 1 1/16" dia.; weight per 10—2 3/4 lbs.

SPJ-1426 Ratcheting Spark Plug Socket. Replaces three tools—holding socket, reversible ratchet, short extension. 3/8" drive, 3 1/2" long. Fits all 14MM Spark Plugs.

J-43 Two-in-one Socket for stop light switch and oil pressure light switch. 3/8" drive, 2" long. Openings 1 1/16" and 1" (inside).

HERBRAND FOUR WAY RIM WRENCH, TIRE IRONS, TIRE HAMMERS AND CARBON BRUSHES

No. 1056X Four-Way Rim Wrench
For passenger cars and light trucks. Arms are 22″ long for wide fender clearance; ⅝″ in diameter for extra strength. Tool steel with sockets accurately forged. Sizes: ¾″, 13/16″, ⅞″ and 15/16″. All satin finished; weight per 10—41½ lbs.

No. 1057X Heavy Duty Truck 4-Way Rim Wrench
Openings: 13/16″ square and 1⅛″, 1 3/16″, 1¼″ and 1½″ hex. O.A.L. 27″; wt. each 15 lbs.

Tire Irons—Spoon Type
Broad, thin, paddle shaped blades take hold of larger area to lift tire from rim with minimum effort. Two lengths in both straight and curved style to cover both passenger cars and trucks. Selected tool steel, specially tempered. All satin finish.

NO. 1126 STRAIGHT. O.A.L. 18″;weight per 10—20 lbs.
NO. 1126T STRAIGHT. O.A.L. 23″; weight per 10—26¼ lbs.
NO. 1127 CURVED. O.A.L. 18″; weight per 10—20 lbs.
NO. 1127T CURVED. O.A.L. 23″; weight per 10—26 lbs.

No. 1128 Adjustable Tire Spreader
A practical, handy tool for any garage or service station. Revolving spindles afford easy one hand operation. Adjust from 5½″ to 7⅜″; length 18½″; weight per 10—25⅝ lbs.

No. 1132 Tire and Rim Brush
A good quality wood handle brush. 19 rows of straight wire bristles securely fastened in wood. Handle curved for maximum utility. Brush length 5½″; width ¾″; O.A.L. 14″; weight per 10—3⅞ lbs.

No. 1134 Tubeless Twin Irons
Especially adapted for tubeless tires, no damage to sealing ribs. Equally good as "No Pinch" irons for tube type tires. Use a pair for easiest changing of any tire. Drop forged tool steel, length 18″; weight per 10—18¾ lbs.

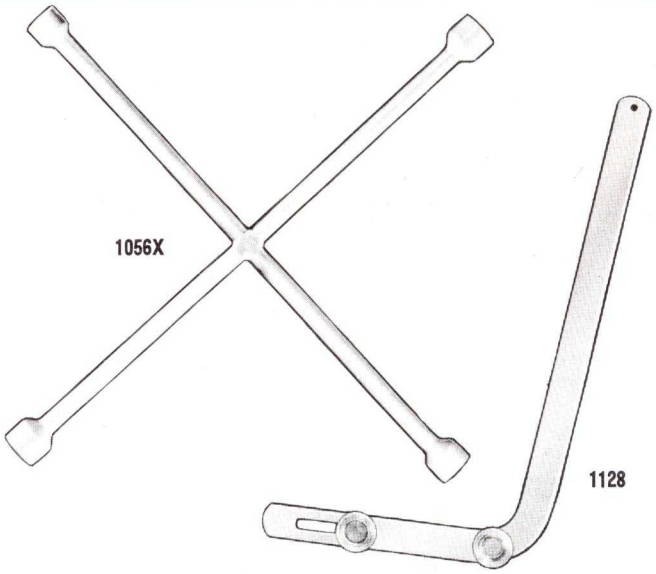
No. 1137 Wire Circular Brush
Finest quality, special crimped wires securely locked in steel hub under pressure to provide maximum density and long life. Standard 2″ arbor hole with interchangeable adaptors. Diameter 6″; thickness 1 1/16″ ; weight per 10—19⅞ lbs.

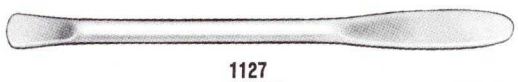
No. 1138 Carbon Brush
Fits standard ¼″ drill or flexible shaft. Brush length 1″; diameter 1″; weight per 10—2⅛ lbs.

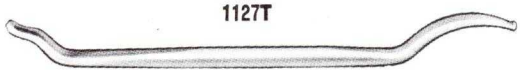
No. 1139 Heavy Duty Carbon Brush
Has cable type coiled wires for greater strength and durability. Same size as 1138.

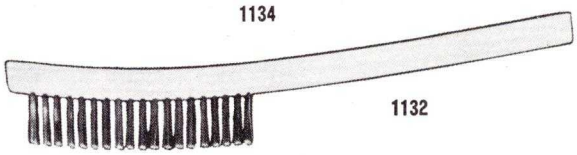
No. 1140 Side Ring Tool
Improved design to accommodate practically all truck rims. Does the work of several ordinary similar tools. Specially heat treated and tempered. All satin finish. Length 22″; weight per 10—21¼ lbs.

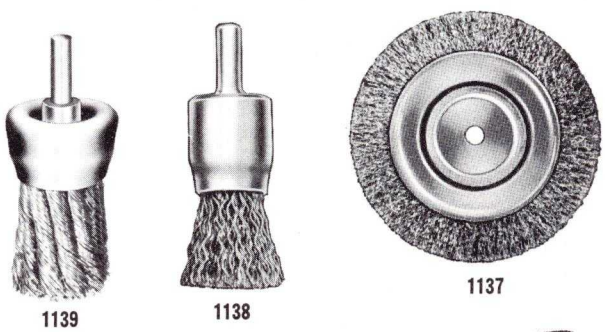
No. 1130 Tire Hammer
A well balanced hammer especially designed for removing hard to break loose tires. One end a tapered wedge for striking bead; other end full striking face corners rounded. Drop forged alloy steel, carefully tempered. O.A.L. 14″; weight —3½ lbs.

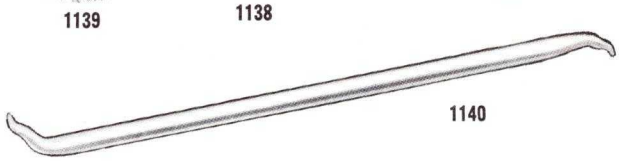


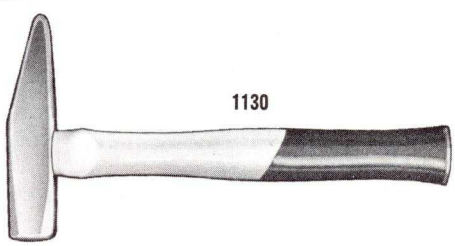




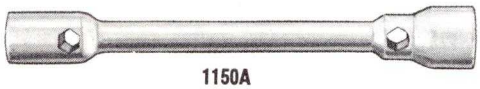








UNIVERSAL TRUCK WHEEL WRENCHES, MALLET AND SOFT BRONZE HAMMER



1150A
1150B
1150F
1150K

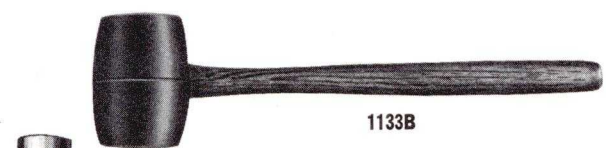
1150D

1150C
1150E

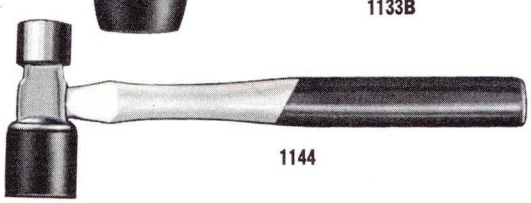
1152H

1150A Double End Wrench includes sizes 13/16" square; 1 1/8" and 1 1/2" hex. Length 16 1/4"; weight—4 3/4 lbs.
1150B Double End Wrench includes sizes 5/8" square; 7/8" and 1 1/4" hex. Length 15 7/8"; weight—4 1/4 lbs.
1150C Single End Wrench and Leverage Bar. Size opening 1 1/16" hex. Length 20"; weight—3 lbs.
1150D Double End Wrench. Specially designed for International Trucks. Size 7/8" and 1 1/16" hex. Length 15 7/8"; weight—3 7/8 lbs.
1150E Single End Wrench and Leverage Bar. Size opening 1 3/16" hex. Length 20"; weight—3 1/16 lbs.
1150F Double End Wrench. Sizes include 1 1/16" and 1 1/4" hex. Length 15 7/8"; weight—4 lbs.
1150K Double End Wrench for post war Chevrolet Trucks. Sizes include 1 5/16" and 1" hex. Length 16"; weight—4 1/16 lbs.

1152H Hexagonal Leverage Cross Handle fits all double end wrenches. Length 20"; weight—2 3/4 lbs.



1133B



1144

No. 1133B Rubber Tire Mallet
Head molded of special tough resilient rubber. Also popular for body work as soft face bumping hammer. Head diameter 3"; head length 4"; O.A.L. 16"; weight—1 7/8 lbs.

No. 1144 2-Way Hammer
A dual use hammer having one head of tough drop forged steel, the other a replaceable molded resilient rubber. Extremely popular because of its tremendous striking power. Length 16"; weight—2 3/8 lbs.

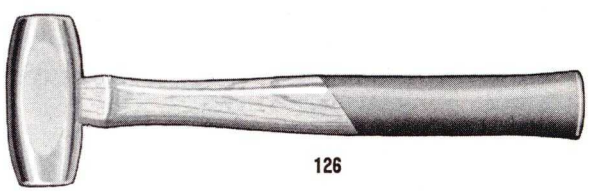
HERBRAND universal truck wrenches are engineered and designed to efficiently handle all makes and types of modern truck and trailer wheel lugs.
A complete range of sizes is provided in both square and hexagonal openings combined in the most used and most universal combinations for maximum utility.
All HERBRAND wrenches are *hot forged* from solid bars of carefully selected steels. Forging dies are specially designed to provide multiple working of the steel for greater *grain refinement* to develop the highest possible tensile strength factor.
Socket openings are extra deep with accurate, sharply defined points made to withstand the hardest usage. Socket ends are evenly faced off to permit firm seating of the wrench and prevent dangerous tilt or roll off action when using extra high leverage.
HERBRAND wrenches are all provided with broached hexagonal cross handle holes to fit the special hexagonal shaped handle for powerful, non-slip leverage. Handle won't roll or slip under any circumstances.
Each wrench is carefully heat treated, tempered and finished in baked-on aluminum paint.
Nothing has been overlooked or spared in making HERBRAND universal truck wrenches the safest, strongest and most dependable made.

UNIVERSAL WRENCH TRUCK SETS

Popular wrench and handle combinations have been put together, in handy, fitted corrugated cartons, for specific models and makes of trucks. The sets listed below include those most in demand, however they in no way restrict the number of possible other combinations.

1150T Set includes 1 each Nos. 1150A, 1150B and 1150C. Weight—12 lbs.

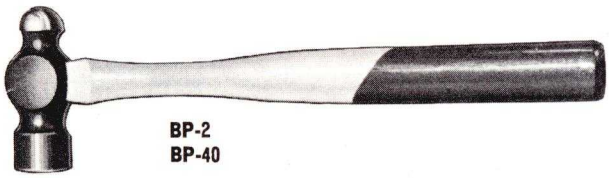
1152F Ford Set includes 1 each 1150A wrench and 1152H handle. Weight —7 1/2 lbs.



126

No. 126 Soft Bronze Hammer
For driving easily damaged parts, head is made of soft bronze, polished and lacquered. Handle top second growth hickory. Length 12" O.A.L.; weight per 10—20 lbs.

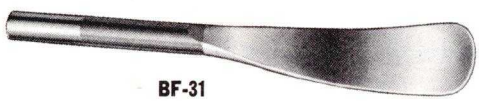
HERBRAND "VAN-CHROME" HAMMERS, BALL PEIN AND NYLON TIPPED, BODY SPOONS



BP-2
BP-40

These HERBRAND hammers are superbly balanced for precision work. Hammer heads are drop forged from specially selected alloy steels and then carefully heat treated and tempered for unusual toughness to avoid the danger of chipping. Hammer faces and pein are smoothly finished and brightly polished.
Handles are top grade, second growth hickory, thoroughly dried and seasoned to eliminate shrinkage and are accurately fitted in the heads and doubly secured to prevent loosening.
HERBRAND VAN-CHROME ball pein hammer standards for quality and safety are the highest and each hammer is inspected before shipment to insure this high quality.

Number	Weight of Head	Total Weight —10 Pcs.	Length
BP-2	2 oz.	2⅜ lbs.	9½
BP-4	4 oz.	3½ lbs.	9¾
BP-8	8 oz.	6½ lbs.	11½
BP-12	12 oz.	10¾ lbs.	13
BP-16	16 oz.	13⅜ lbs.	14
BP-20	20 oz.	15⅜ lbs.	14½
BP-24	24 oz.	18 lbs.	14¾
BP-32	32 oz.	24 lbs.	15½
BP-40	40 oz.	31 lbs.	16½

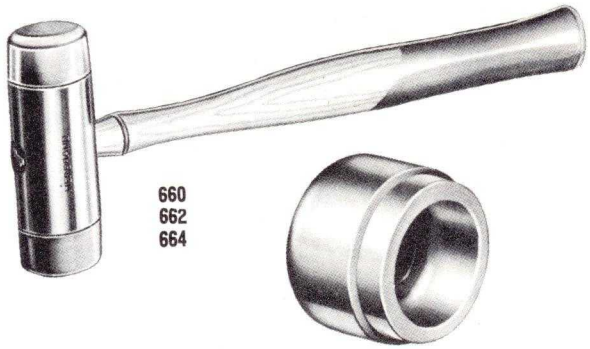


BF-31

No. BF-31 Inside Pry and Surfacing Spoon
Works efficiently as a pry spoon behind braces and panel edges. Short handle for driving in limited space. Selected steels, drop forged, smoothly polished. Length 16″; face width 2½″; weight—2¾″ lbs.

No. BF-33 General Purpose Spoon
Shaped to fit the contour of most body parts. Two extra wide anvil oval faces for greater utility. Designed for driving or prying drip moulding, deck panels, headlight work and beading. Length 17½″, face width 2½″; weight —3¾ lbs.

No. BF-34 Pry and Bumping Spoon
Double end, heavy duty door and body pry bumping spoon with wide slightly crowned faces. Blades angled for use as lever or anvil for door panels, cowls, aprons and back bracing irons. Length 20″; face width 2½″; weight—4½ lbs.



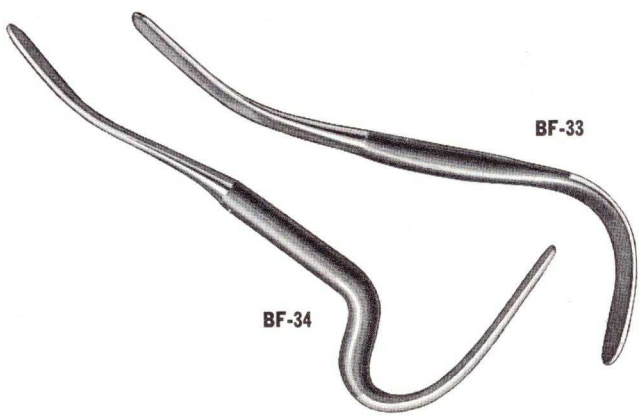
660
662
664

NYLON TIPPED HAMMERS

Available in three popular sizes, HERBRAND nylon hammers are scientifically designed for perfect balance and long service. Patented *interlocking head construction* prevents the replaceable nylon faces from becoming loosened in use, yet are quickly and easily removed when desired.

In repeated tests and experiments, the detachable molded nylon tips have outlasted and outperformed all other "soft impact" hammers. They will not chip, break, absorb moisture or change shape even under continued hard use. They are resistant to oils and acids making them the most durable soft faced hammer obtainable. Handles are seasoned top grade hickory and are securely fastened to heads to prevent loosening in use. A new addition to the HERBRAND nylon hammer series is the "No Bounce" hammer No. 676. Free moving weights within the head increase striking power and prevent dangerous rebound action. Heavier blows can be struck with lighter weight hammers with less fatigue to the user.

660 10 Ounce Hammer. O.D. face 1¼″; head length 3¾″; O.A.L. 10½″.
661 Replaceable nylon tips for No. 660.
662 20 Ounce Hammer. O.D. face 1½″; head length 4½″; O.A.L. 12″.
663 Replaceable nylon tips for No. 662.
664 32 Ounce Hammer. O.D. face 1¾″; head length 5½″; O.A.L. 12½″.
665 Replaceable nylon tips for No. 664 and 676.
676 "No Bounce" Nylon Hammer. O.D. face 1¼″; head length 4⅝″; O.A.L. 12″. Weight per each—1¼ lbs.

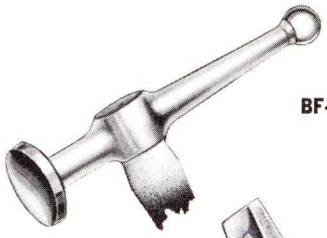


BF-33
BF-34

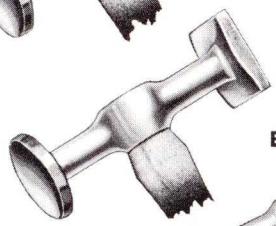
HERBRAND "VAN-CHROME" MULTIFIT BODY AND FENDER HAMMERS AND DOOR TOOL

MULTIFIT BODY AND FENDER HAMMERS

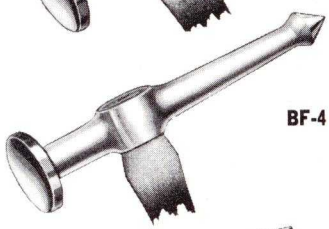
HERBRAND hammers are drop forged in special, multiple impression dies for maximum grain refinement of carefully selected tool steels. Working faces are accurately machined and carefully polished for ultra smoothness. Atmosphere controlled hardening operations insure durable faces even under severe use. Perfectly balanced, each hammer is securely fastened to special top quality second growth hickory handles with *octagon shaped handles.*


BF-1

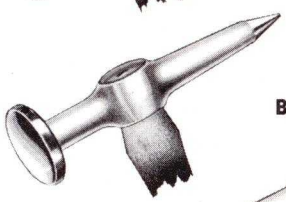
No. BF-1 Long Ball-End, Finish Hammer
For dual use. Ball end for raising low spots smoothly, and round flat finishing face. Face diameter 1⅝". Head 6" O.A.L. Clearance, ball to handle 3⅝". Length 12"; weight—⅞ lb.


BF-2

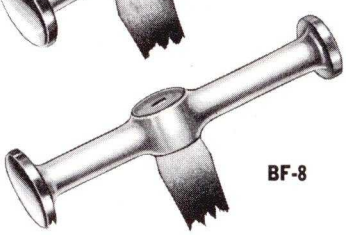
No. BF-2 Shrinking and Bumping Hammer
New, extra wide round and square smooth faces needed to shrink metal after heating. Round face diameter 1⅞", square face 1⅝". Head 4¼" O.A.L. Clearance 1⅝". Length 12"; weight—1 lb.


BF-4

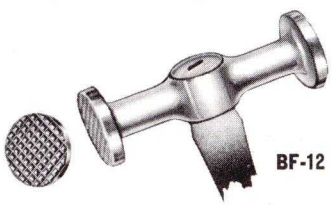
No. BF-4 Low Spot, Long Picking Hammer
Special designed pick end for use thru coating or insulated material to peck out low spots while filing. Round face diameter 1⅝" with 1⅝" clearance. Pick end clearance 3⅝". Head 6" O.A.L. Length 12"; weight—¾ lb.


BF-5

No. BF-5 Low Spot, Short Picking Hammer
Extra sharp picking point for small low spots, with perfectly balanced finishing head. Round face diameter 1⅝" with 1⅝" clearance. Pick point clearance 2¾". Head 5⅜" O.A.L. Length 12"; weight—13/16 lb.


BF-8

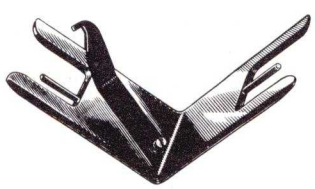
No. BF-8 Dinging Hammer
The only perfectly balanced double round-face ding hammer with deep clearance. Hits solid flat blow in hard-to-reach places. Large head diameter 1⅝"; clearance 2⅜". Small head diameter 1¼", clearance 2¾". Head 6⅛" O.A.L. Length 12"; weight—1 lb.


BF-12

No. BF-12 New Shrinking and Finishing Hammer
Rounded corners on cross-milled face shrinks metal faster and with less damage than square-cornered types. Patent applied for. Head diameter 1½". Head 4¼" O.A.L. Length 12"; weight —⅞ lb.

BF-27

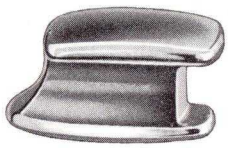
No. BF-27 Magnetic Trim Hammer
Forged of finest magnetic steel and carefully heat treated for long wear. White hickory handle. Head 5½" O.A.L. Length 10¾"; weight—⅝ lb.



No. BF-91 Universal Door Handle Tool
Removes the cross pin or lock ring in door or regulator handle. Fits all model cars including Fords with offset pin, Chrysler, G. M. and independent makes to 1954; weight per 10—3 lbs.

No. BF-92 Door Handle Tool
Plier type tool to remove interior retaining clip from door handles of G.M. and Ford cars. Has thin narrow jaws to slip under handle—steel construction—7⅝" long; weight per 10—1⅝ lbs.

HERBRAND 'VAN-CHROME' BODY & FENDER TOOLS
MULTIFIT FILES AND HOLDER



BF-51

BF-52

BF-54

BF-55

BF-56

BF-57

MULTIFIT ANVIL AND DOLLY BLOCKS

All Herbrand Anvil and Dolly Blocks are departures from the "old style chunks of steel." Each Herbrand block is carefully forged of alloy steel, accurately ground and polished to special shapes and dimensions for the many needed special applications.

No. BF-51 Heavy Weight Universal Anvil Block
With its wide curved surfaces, multi-angle planes and under-cuts, it fits a hundred special needs on body, fender or door work. Solid hand grip for bumping. Anvil faces 3″ x 2⅞″ and 1¾″ x 4″. Length 4″; height 2⅜″; width 2⅞″; weight—3 lbs.

No. BF-52 Raising Block
Especially useful on deep-skirted fenders and around rolled edges. Shaped to protect hand and can be used for swinging blow without hammer. Size 2¼″ x 2-15/16″ x 3″. Weight—3½ lbs.

No. BF-54 Roof Wedge Block
Sharp taper for driving out roof rails or bead, and for under fender braces. Wide end for moulding curved surfaces. Length 5-13/16″; width 2⅝″; length 2-3/16″; weight—3-11/16 lbs.

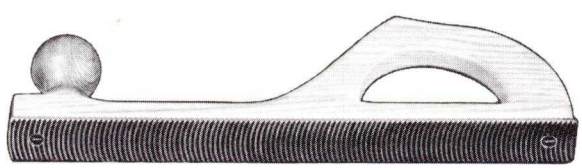
No. BF-55 Toe Type Block
Ideal for shrinking and dinging flat panels. Thinness and length provide easy accessibility to narrow pockets. Size 3⅛″ x 2¼″ x 1-1/16″; weight—2½ lbs.

No. BF-56 Heel Block
Designed especially to reach easily into sharp corners and wide radii. Size 3⅛″ x 2⅜″ x 1-7/16″; weight—2½ lbs.

No. BF-57 Flange and Anvil Block
Handles many medium curve radii and flat-crowned surface excellent for dinging. Has several differently crowned working faces together with two beading and flange lips. Provides comfortable hand hold for dinging. Length 2⅞″; width 2¼″; height 2⅜″; weight—3 lbs.

MULTIFIT FILES AND HOLDER

File has special milled U-type, self cleaning teeth. Handle is especially designed for the file and will not distort the teeth causing rapid dulling as does a flexible holder. Easily held in place or released for reverse by two retaining screws.

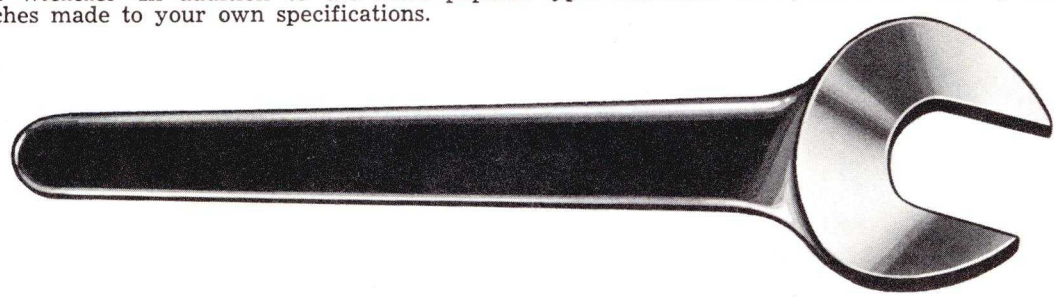


BF-514 14″ Flexibile File Only. Teeth on both sides. Weight per 10—6¼ lbs.
BF-550 Set of 6 Files No. BF-514 with One Holder Free. Weight per set —4⅝ lbs.
BF-614 Wooden Holder Only. Weight per 10—6⅝ lbs.
BF-714 Flexible File Complete with Wooden Holder. Weight per 10—12⅜ lbs.

HERBRAND ENGINEERS' WRENCHES–SINGLE END, 15° ANGLE, TAPERED HANDLE, DROP FORGED

Herbrand carbon steel wrenches are drop forged from selected, high carbon steels and are carefully heat treated throughout to obtain a controlled, uniform grain structure for maximum strength and utility. Designed to meet the most rigid requirements of modern industrial, construction and maintenance users. Finished in heavy baked on black enamel with faces ground bright. Single end series have narrow shaped heads and tapered handles.

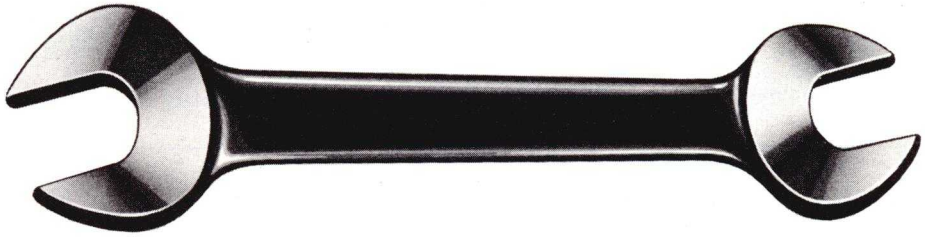
Special Wrenches—In addition to the most popular types and sizes listed, Herbrand also specializes in wrenches made to your own specifications.



Number	Nominal Openings	Heavy Series Nuts Size Bolts	Hexagon Head Cap Screw Dia. Screws	Finished Series Nuts Size Bolts	Regular Series Nuts Size Bolts	Length (Approx.)	Thickness Heads	Approx. Wt. Lbs. 10 Pcs.	Number
00	5/16	...	...	...	...	3 1/2	5/32	9/16	00
700	3/8	...	...	...	...	4	3/16	1 1/16	700
0	13/32	...	...	...	...	4	3/16	1 1/16	0
701	7/16	...	1/4	1/4	1/4	4 5/8	7/32	1 3/16	701
1	1/2	1/4	5/16	5/16	...	4 5/8	7/32	1 3/16	1
702	9/16	5/16	3/8	3/8	5/16	5 1/4	1/4	1 3/4	702
2	19/32	...	...	...	...	5 1/4	1/4	1 3/4	2
703	5/8	...	7/16	...	3/8	6	9/32	2 7/16	703
3	1 1/16	3/8	...	7/16	...	6	9/32	2 7/16	3
704	3/4	7/16	1/2	1/2	7/16	6 7/8	5/16	3 1/2	704
4	25/32	...	...	...	...	6 7/8	5/16	3 1/2	4
705	13/16	...	9/16	...	1/2	7 1/8	3/8	5 1/4	705
5	7/8	1/2	...	9/16	9/16	7 1/8	3/8	5 1/4	5
6A	15/16	9/16	5/8	5/8	...	9	7/16	7 1/4	6A
706	1	...	...	...	5/8	9	7/16	7 1/4	706
7	1 1/16	5/8	...	...	...	10 1/4	1/2	10 3/8	7
707	1 1/8	...	3/4	3/4	3/4	10 1/4	1/2	10 3/8	707
8	1 1/4	3/4	...	...	...	11 1/2	9/16	15 3/8	8
8A	1 5/16	...	7/8	7/8	7/8	11 1/2	9/16	15 3/8	8A
708A	1 3/8	...	...	...	...	11 1/2	9/16	15 3/8	708A
9	1 7/16	7/8	...	...	...	13 1/4	21/32	22 1/4	9
709	1 1/2	...	1	1	1	13 1/4	21/32	22 1/4	709
10	1 5/8	1	...	...	...	15	3/4	35 1/8	10
10A	1 11/16	...	1 1/8	1 1/8	1 1/8	15	3/4	35 1/8	10A
11	1 13/16	1 1/8	...	...	...	16 3/4	27/32	44	11
11A	1 7/8	...	1 1/4	1 1/4	1 1/4	16 3/4	27/32	44	11A
12	2	1 1/4	...	...	...	18 1/2	15/16	62 1/4	12
12A	2 1/16	...	1 3/8	1 3/8	1 3/8	18 1/2	15/16	62 1/4	12A
13	2 3/16	1 3/8	...	...	...	20 1/4	1 1/32	79	13
13A	2 1/4	...	1 1/2	1 1/2	1 1/2	20 1/4	1 1/32	79	13A
14	2 3/8	1 1/2	...	...	...	22 1/4	1 1/8	108	14
14A	2 7/16	...	...	1 5/8	1 5/8	22 1/4	1 1/8	108	14A
15	2 9/16	1 5/8	...	...	...	24 5/8	1 7/32	109	15
15A	2 5/8	...	...	1 3/4	1 3/4	24 5/8	1 7/32	109	15A
16	2 3/4	1 3/4	...	...	...	27	1 5/16	148	16
16B	2 13/16	...	...	1 7/8	1 7/8	27	1 5/16	148	16B
16A	2 15/16	1 7/8	...	...	...	27	1 5/16	148	16A
17A	3	...	...	2	2	30	1 3/8	186	17A
17	3 1/8	2	...	...	...	30	1 3/8	186	17
18A	3 3/8	...	...	2 1/4	2 1/4	33	1 17/32	273	18A
18	3 1/2	2 1/4	...	...	...	33	1 17/32	273	18

HERBRAND ENGINEERS' WRENCHES
DOUBLE END, 15° ANGLE, DROP FORGED

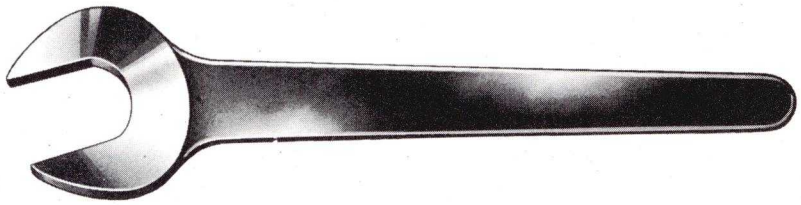
Herbrand double head wrenches have improved design tapered heads. Heat treated throughout for long hard service. Stock opening sizes listed. Special openings milled to order. Finished in baked on black enamel, heads ground bright.



Number	Nominal Openings	Heavy Series Nuts Size Bolts	Hexagon Head Cap Screw Dia. Screws	Finished Series Nuts Size Bolts	Regular Series Nuts Size Bolts	Length (Approx.)	Thickness Heads	Approx. Wt. Lbs. 10 Pcs.	Number
721	5/16 & 3/8	.. & ..	.. & ..	.. & ..	.. & ..	4	9/32	1	721
723	3/8 & 7/16	.. & ..	.. & 1/4	.. & 1/4	.. & 1/4	4 7/8	5/16	1 3/4	723
725	7/16 & 1/2	.. & 1/4	1/4 & 5/16	1/4 & 5/16	1/4 & ..	5 3/4	11/32	2 9/16	725
725A	7/16 & 9/16	.. & 5/16	1/4 & 3/8	1/4 & 3/8	1/4 & 5/16	5 3/4	11/32	2 9/16	725A
725B	1/2 & 9/16	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	.. & 5/16	5 3/4	11/32	2 9/16	725B
25	1/2 & 19/32	1/4 & ..	5/16 & ..	5/16 & ..	.. & ..	5 3/4	11/32	2 9/16	25
727	9/16 & 5/8	5/16 & ..	3/8 & 7/16	3/8 & ..	5/16 & 3/8	6 5/8	3/8	3 15/16	727
27	19/32 & 11/16	.. & 3/8	.. & ..	.. & 7/16	.. & ..	6 5/8	3/8	3 15/16	27
27B	5/8 & 11/16	.. & 3/8	7/16 & ..	.. & 7/16	3/8 & ..	6 5/8	3/8	3 15/16	27B
28	19/32 & 25/32	.. & ..	.. & ..	.. & ..	.. & ..	7 3/4	13/32	5 3/8	28
729	5/8 & 3/4	.. & 7/16	7/16 & 1/2	.. & 1/2	3/8 & 7/16	7 3/4	13/32	5 3/8	729
29B	11/16 & 3/4	3/8 & 7/16	.. & 1/2	7/16 & 1/2	.. & 7/16	7 3/4	13/32	5 3/8	29B
29	11/16 & 25/32	3/8 & ..	.. & ..	7/16 & ..	.. & ..	7 3/4	13/32	5 3/8	29
29C	11/16 & 13/16	3/8 & ..	.. & 9/16	7/16 & ..	.. & 1/2	7 3/4	13/32	5 3/8	29C
731	3/4 & 13/16	7/16 & ..	1/2 & 9/16	1/2 & ..	7/16 & 1/2	8 5/8	7/16	7 1/2	731
731A	3/4 & 7/8	7/16 & 1/2	1/2 & ..	1/2 & 9/16	7/16 & 9/16	8 5/8	7/16	7 1/2	731A
31B	25/32 & 13/16	.. & ..	.. & 9/16	.. & ..	.. & 1/2	8 5/8	7/16	7 1/2	31B
31	25/32 & 7/8	.. & 1/2	.. & ..	.. & 9/16	.. & 9/16	8 5/8	7/16	7 1/2	31
731B	13/16 & 7/8	.. & 1/2	9/16 & ..	.. & 9/16	1/2 & 9/16	8 5/8	7/16	7 1/2	731B
32B	13/16 & 15/16	.. & 9/16	9/16 & 5/8	.. & 5/8	1/2 & ..	9 5/8	1/2	11 3/4	32B
33A	7/8 & 15/16	1/2 & 9/16	.. & 5/8	9/16 & 5/8	9/16 & ..	9 5/8	1/2	11 3/4	33A
733	7/8 & 1	1/2 & ..	.. & ..	9/16 & ..	9/16 & 5/8	9 5/8	1/2	11 3/4	733
33C	15/16 & 1	9/16 & ..	5/8 & ..	5/8 & ..	.. & 5/8	9 5/8	1/2	11 3/4	33C
34	7/8 & 1 1/16	1/2 & 5/8	.. & ..	9/16 & ..	9/16 & ..	10 3/4	9/16	16 3/16	34
34A	15/16 & 1 1/16	9/16 & 5/8	.. & ..	5/8 & ..	.. & ..	10 3/4	9/16	16 3/16	34A
735	1 & 1 1/8	.. & ..	.. & 3/4	.. & 3/4	5/8 & 3/4	10 3/4	9/16	16 3/16	735
36B	1 1/16 & 1 1/8	5/8 & ..	.. & 3/4	.. & 3/4	.. & 3/4	12 3/8	21/32	22 3/16	36B
37	1 1/16 & 1 1/4	5/8 & 3/4	.. & ..	.. & ..	.. & ..	12 3/8	21/32	22 3/16	37
737	1 1/8 & 1 1/4	.. & 3/4	3/4 & ..	3/4 & ..	3/4 & ..	12 3/8	21/32	22 3/16	737
37A	1 1/8 & 1 5/16	.. & ..	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8	12 3/8	21/32	22 3/16	37A
39B	1 1/4 & 1 5/16	3/4 & ..	.. & 7/8	.. & 7/8	.. & 7/8	14 3/8	3/4	35 1/2	39B
39	1 1/4 & 1 7/16	3/4 & 7/8	.. & ..	.. & ..	.. & ..	14 3/8	3/4	35 1/2	39
39A	1 5/16 & 1 1/2	.. & ..	7/8 & 1	7/8 & 1	7/8 & 1	14 3/8	3/4	35 1/2	39A
39C	1 3/8 & 1 7/16	.. & 7/8	.. & ..	.. & ..	.. & ..	14 3/8	3/4	35 1/2	39C
41	1 7/16 & 1 5/8	7/8 & 1	.. & ..	.. & ..	.. & ..	16 1/8	3/4	45	41
41B	1 1/2 & 1 5/8	.. & 1	1 & ..	1 & ..	1 & ..	16 1/8	3/4	45	41B
42A	1 1/2 & 1 11/16	.. & ..	1 & 1 1/8	1 & 1 1/8	1 & 1 1/8	17	27/32	63 1/2	42A
43	1 5/8 & 1 13/16	1 & 1 1/8	.. & ..	.. & ..	.. & ..	17	27/32	63 1/2	43
44A	1 11/16 & 1 7/8	.. & ..	1 1/8 & 1 1/4	1 1/8 & 1 1/4	1 1/8 & 1 1/4	19	29/32	82 1/2	44A
45	1 13/16 & 2	1 1/8 & 1 1/4	.. & ..	.. & ..	.. & ..	19	29/32	82 1/2	45
45A	1 7/8 & 2 1/16	.. & ..	1 1/4 & 1 3/8	1 1/4 & 1 3/8	1 1/4 & 1 3/8	19	29/32	82 1/2	45A
47	2 & 2 3/16	1 1/4 & 1 3/8	.. & ..	.. & ..	.. & ..	21	1	104	47
47B	2 1/16 & 2 1/4	.. & ..	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2	21	1	104	47B
49	2 3/16 & 2 3/8	1 3/8 & 1 1/2	.. & ..	.. & ..	.. & ..	22 1/2	1 1/16	129	49
49A	2 1/4 & 2 7/16	.. & ..	1 1/2 & ..	1 1/2 & 1 5/8	1 1/2 & 1 5/8	22 1/2	1 1/16	129	49A

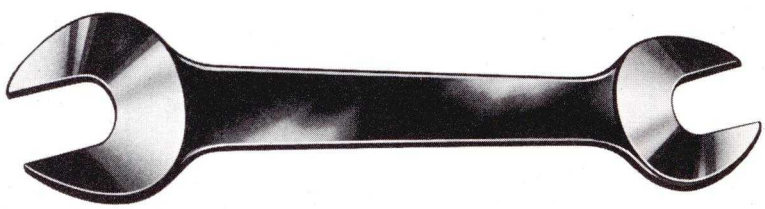
HERBRAND ENGINEERS' WRENCHES SINGLE HEAD 15° ANGLE THIN WRENCH – DOUBLE HEAD 15° ANGLE THIN

Herbrand *Thin-Wrenches* are especially designed to service check, jaw or lock nuts and adjusting screws where thin heads are required. Drop forged from high carbon steel, accurately milled and carefully hardened. Finished baked on black enamel—heads ground bright.



Number	Nominal Openings	Heavy Series Nuts Size Bolts	Finished Series Nuts Size Bolts	Regular Series Nuts Size Bolts	Length (Approx.)	Thickness Heads	Approx. Wt. Lbs. 10 Pcs.	Number
601A	7/16	...	1/4	1/4	4 5/8	5/32	13/16	601A
601	1/2	1/4	5/16	...	4 5/8	5/32	13/16	601
602A	9/16	5/16	3/8	5/16	5 1/4	11/64	1 1/4	602A
602	19/32	...	...	...	5 1/4	11/64	1 1/4	602
603A	5/8	...	...	3/8	6	3/16	1 5/8	603A
603	11/16	3/8	7/16	...	6	3/16	1 5/8	603
604A	3/4	7/16	1/2	7/16	6 7/8	7/32	2 1/2	604A
604	25/32	...	...	...	6 7/8	7/32	2 1/2	604
605A	13/16	...	...	1/2	7 3/4	1/4	3 5/8	605A
605	7/8	1/2	9/16	9/16	7 3/4	1/4	3 5/8	605
606	15/16	9/16	5/8	...	8 7/8	9/32	5 3/8	606
606B	1	...	...	5/8	8 7/8	9/32	5 3/8	606B
607	1 1/16	5/8	...	...	10 1/8	5/16	6	607
607A	1 1/8	...	3/4	3/4	10 1/8	5/16	6	607A
608	1 1/4	3/4	...	...	9 1/2	3/8	10 3/8	608
608A	1 5/16	...	7/8	7/8	9 1/2	3/8	10 3/8	608A
609	1 7/16	7/8	...	...	13 1/4	7/16	17	609
609A	1 1/2	...	1	1	13 1/4	7/16	17	609A
610	1 5/8	1	...	...	15	7/16	23 1/8	610
610A	1 11/16	...	1 1/8	1 1/8	15	7/16	23 1/8	610A

Double head *Thin-Wrenches* provide the most popular size opening combinations. Both single and double head wrenches are of improved design with pointed jaws and tapered handles. Finished baked on black enamel—heads bright.



623D	7/16 & 1/2	.. & 1/4	1/4 & 5/16	1/4 & ..	5 1/4	5/32	1	623D
624A	7/16 & 9/16	.. & 5/16	1/4 & 3/8	1/4 & 5/16	5 1/4	5/32	1	624A
624B	1/2 & 9/16	1/4 & 5/16	5/16 & 3/8	.. & 5/16	5 1/4	5/32	1	624B
625	1/2 & 19/32	1/4 & ..	5/16 & ..	.. & ..	5 1/4	5/32	1	625
626S	9/16 & 5/8	5/16 & ..	3/8 & ..	5/16 & 3/8	6 1/8	3/16	1 3/4	626S
627	19/32 & 11/16	.. & 3/8	.. & 7/16	.. & ..	6 1/8	3/16	1 3/4	627
629D	5/8 & 3/4	.. & 7/16	.. & 1/2	3/8 & 7/16	7 3/8	7/32	3 1/2	629D
629	11/16 & 25/32	3/8 & ..	7/16 & ..	.. & ..	7 3/8	7/32	3 1/2	629
630B	3/4 & 13/16	7/16 & ..	1/2 & ..	7/16 & 1/2	7 3/8	7/32	3 1/2	630B
630E	3/4 & 7/8	7/16 & 1/2	1/2 & 9/16	7/16 & 9/16	7 3/8	7/32	3 1/2	630E
631	25/32 & 7/8	.. & 1/2	.. & 9/16	.. & 9/16	8 7/8	1/4	6 3/8	631
631A	13/16 & 7/8	.. & 1/2	.. & 9/16	1/2 & 9/16	8 7/8	1/4	6 3/8	631A
632C	7/8 & 15/16	1/2 & 9/16	9/16 & 5/8	9/16 & ..	8 7/8	1/4	6 3/8	632C
634A	7/8 & 1	1/2 & ..	9/16 & ..	9/16 & 5/8	8 7/8	1/4	6 3/8	634A
634B	15/16 & 1 1/16	9/16 & 5/8	5/8 & ..	.. & ..	8 7/8	1/4	6 3/8	634B
635D	1 & 1 1/8	.. & ..	.. & 3/4	5/8 & 3/4	10 5/8	9/32	11 1/4	635D
637	1 1/16 & 1 1/4	5/8 & 3/4	.. & ..	.. & ..	10 5/8	9/32	11 1/4	637
637A	1 1/8 & 1 5/16	.. & ..	3/4 & 7/8	3/4 & 7/8	10 5/8	9/32	11 1/4	637A
639	1 1/4 & 1 7/16	3/4 & 7/8	.. & ..	.. & ..	13	3/8	18 1/4	639
640A	1 5/16 & 1 1/2	.. & ..	7/8 & 1	7/8 & 1	13	3/8	18 1/4	640A

HERBRAND ENGINEERS' WRENCHES
STRAIGHT OPENINGS—OFFSET HEADS—LONG TANG—DROP FORGED

STRAIGHT OPENINGS—OFFSET HEADS—LONG TANG—DROP FORGED

The style quality and dependability of Herbrand Structural Wrenches are well recognized in the Industrial and Building fields. Jaws are tapered with deep milled openings for full "non-slip" holding power. Handle is offset for clearance and safety of operator's hands. The long tang is tapered for ease in bringing bolt holes into proper alignment.

Drop forged from High Carbon steel, carefully heat treated throughout for strength and safety. Finished in heavy, baked-on, black enamel.

Number	Nominal Openings	Heavy Series Nuts Bolt Size	Regular Series Nuts Bolt Size	Thickness Head	Length Approx.	Offset	Approx. Wt. Lbs. 10 Pcs.	Number
901A	7/16	...	1/4	3/8	10	7/8	3 13/16	901A
901	1/2	1/4	....	3/8	10	7/8	3 13/16	901
901B	9/16	5/16	5/16	3/8	10	7/8	3 13/16	901B
902	19/32	...	...	3/8	10	7/8	3 13/16	902
903A	5/8	...	3/8	7/16	11 7/8	7/8	8 11/16	903A
903	11/16	3/8	....	7/16	11 7/8	7/8	8 11/16	903
904A	3/4	7/16	7/16	7/16	11 7/8	7/8	8 11/16	904A
904	25/32	...	...	7/16	11 7/8	7/8	8 11/16	904
905A	13/16	...	1/2	1/2	13 3/4	1	13 3/4	905A
905	7/8	1/2	9/16	1/2	13 3/4	1	13 3/4	905
906	15/16	9/16	...	1/2	13 3/4	1	13 3/4	906
906A	1	...	5/8	1/2	13 3/4	1	13 3/4	906A
907	1 1/16	5/8	...	39/64	16 1/4	1 1/16	20 1/4	907
907A	1 1/8	...	3/4	39/64	16 1/4	1 1/16	20 1/4	907A
903	1 1/4	3/4	...	23/32	18 1/4	1 1/4	29 3/8	908
908A	1 5/16	...	7/8	23/32	18 1/4	1 1/4	29 3/8	908A
909	1 7/16	7/8	...	1 1/16	19 3/8	1 1/4	40 3/4	909
909A	1 1/2	...	1	1 1/16	19 3/8	1 1/4	40 3/4	909A
910	1 5/8	1	...	25/32	21 1/4	1 5/16	64 3/4	910
910A	1 11/16	...	1 1/8	25/32	21 1/4	1 5/16	64 3/4	910A

SPECIAL WRENCHES

ALL TYPES, DESIGNS AND STYLES

In addition to the various popular stock types and sizes of wrenches cataloged, Herbrand specializes in developing *special wrenches* to fit *your requirements* as well as making them to *your own specifications*. Our complete engineering and production facilities and long experience in designing and manufacturing tools of all descriptions, are available to meet your every need.

For safety and economy consult Herbrand when either standard or special wrenches are required. Many times a slight modification in a standard wrench will replace expensive, unsafe, flame-cut "machine shop specials".

WRENCH OPENINGS

PROPOSED AMERICAN STANDARDS ASSOCIATION ASA B 18.2—1952
SQUARE AND HEXAGON NOMINAL BOLT, SCREW AND NUT DIAMETERS

"This is the Official Guide to Wrench and Socket Sizes for Bolts and Nuts, Revised December 10, 1952."

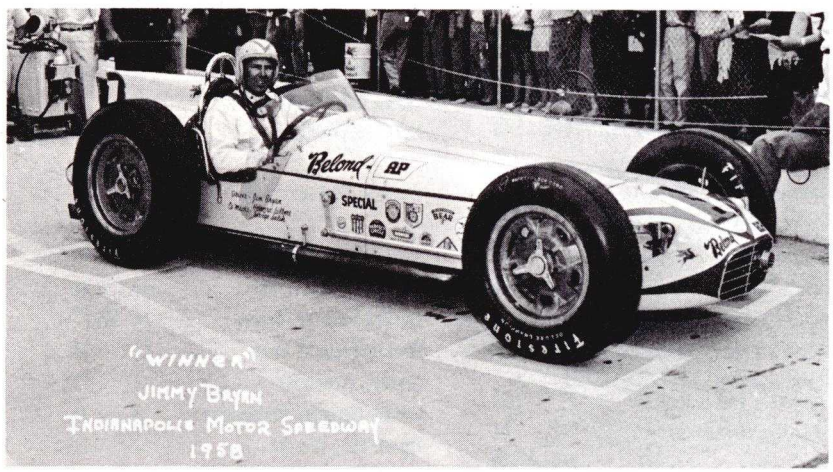
Nominal Size of Wrench, also Basic or Maximum Width Across Flat of Bolt and Screw Heads and Nuts	NUTS			BOLTS AND SCREWS				NUTS
	Finished Hex, Hex-Jam, Hex-Slotted, Hex-Thick, Hex-Thick Slotted, Hex-Castle	Regular Sq, Hex, Hex-Jam, Semi-Finish Hex, Hex-Jam and Hex-Slotted	Heavy Sq, Hex, Hex-Jam, and Semi-Finish Hex, Hex-Jam and Hex-Slotted	Finished and Regular Bolts Sq, Hex, Semi-Finished Hex Hex Head Cap Screw	Heavy Bolts Hex, Semi-Finish Hex and Finished Hex	Lag Bolts	Set Screw	Machine Screw Nuts and Stove Bolt Nuts
5/32	...	...	...	...	...	...	...	No. 0 and No. 1
3/16	...	...	...	...	...	...	No. 10	No. 2 and No. 3
7/32	...	...	...	...	...	...	No. 12	...
1/4	...	...	...	...	...	...	1/4	No. 4
9/32	...	...	...	...	...	No. 10	...	...
5/16	...	...	...	...	...	...	5/16	No. 5 and No. 6
11/32	...	...	...	...	...	...	...	No. 8
3/8	...	...	...	1/4 *	...	1/4	3/8	No. 10
7/16	1/4	1/4	...	1/4	...	...	7/16	No. 12 and 1/4
1/2	5/16	...	1/4	5/16	...	5/16	1/2	...
9/16	3/8	5/16	5/16	3/8	...	3/8	9/16	5/16
5/8	...	3/8	...	7/16	...	7/16	5/8	3/8
11/16	7/16	...	3/8	...	...	...	...	...
3/4	1/2	7/16	7/16	1/2	...	1/2	3/4	...
13/16	...	1/2	...	9/16	...	...	...	...
7/8	9/16	9/16	1/2	...	1/2	...	7/8	...
15/16	5/8	...	9/16	5/8	...	5/8	...	...
1	...	5/8	...	...	...	...	1	...
1 1/16	...	...	5/8	...	5/8	...	...	...
1 1/8	3/4	3/4	...	3/4	...	3/4	1 1/8	...
1 1/4	...	...	3/4	...	3/4	...	1 1/4	...
1 5/16	7/8	7/8	...	7/8	...	7/8	...	...
1 3/8	...	...	...	...	...	...	1 3/8	...
1 7/16	...	...	7/8	...	7/8	...	...	...
1 1/2	1	1	...	1	...	1	1 1/2	...
1 5/8	...	...	1	...	1	...	...	...
1 11/16	1 1/8	1 1/8	...	1 1/8	...	1 1/8	...	...
1 13/16	...	...	1 1/8	...	1 1/8	...	...	...
1 7/8	1 1/4	1 1/4	...	1 1/4	...	1 1/4	...	...
2	...	...	1 1/4	...	1 1/4	...	...	...
2 1/16	1 3/8	1 3/8	...	1 3/8	...	...	...	...
2 3/16	...	...	1 3/8	...	1 3/8	...	...	...
2 1/4	1 1/2	1 1/2	...	1 1/2	...	...	...	...
2 3/8	...	...	1 1/2	...	1 1/2	...	...	...
2 7/16	1 5/8	1 5/8	...	1 5/8	...	...	...	...
2 9/16	...	...	1 5/8	...	1 5/8	...	...	...
2 5/8	1 3/4	1 3/4	...	1 3/4	...	...	...	...
2 3/4	...	...	1 3/4	...	1 3/4	...	...	...
2 13/16	1 7/8	1 7/8	...	1 7/8	...	...	...	...
2 15/16	...	...	1 7/8	...	1 7/8	...	...	...
3	2	2	...	2	...	...	...	...
3 1/8	...	...	2	...	2	...	...	...
3 3/8	2 1/4	2 1/4	...	2 1/4	...	...	...	...
3 1/2	...	...	2 1/4	...	2 1/4	...	...	...
3 3/4	2 1/2	2 1/2	...	2 1/2	...	...	...	...
3 7/8	...	...	2 1/2	...	2 1/2	...	...	...
4 1/8	2 3/4	2 3/4	...	2 3/4	...	...	...	...
4 1/4	...	...	2 3/4	...	2 3/4	...	...	...
4 1/2	3	3	...	3	...	...	...	...
4 5/8	...	...	3	...	3	...	...	...
4 7/8	...	...	...	3 1/4	...	...	...	...
5	...	...	3 1/4	...	...	...	...	...

*Regular square only.

Tops AT INDIANAPOLIS!

Herbrand Tools

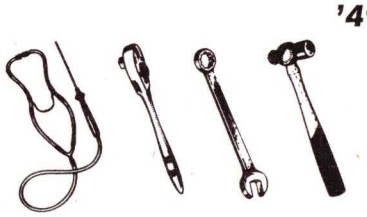
—OFFICIAL "500" SUPPLIERS TEN CONSECUTIVE YEARS



1958 Winner—Jimmy Bryan

. . . EVERY WINNING DRIVER — SINCE '49 HAS USED AND ENDORSED HERBRAND TOOLS

From Bill Holland in '49, to Jimmy Bryan in '58—and today's contestants—every winning driver and *every mechanic* in the race has used and endorsed Herbrand Tools! They've found that Herbrand Tools are "job-matched"—designed for fast, positive action . . . cut lost motion when it counts most.

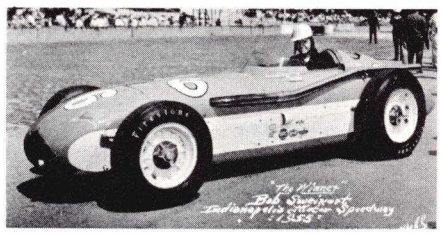


'57

'56

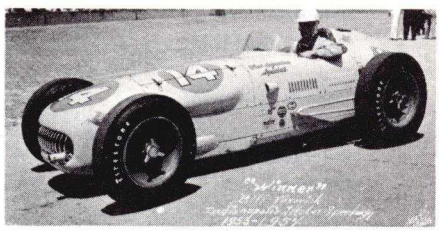
PAT FLAHERTY

'55



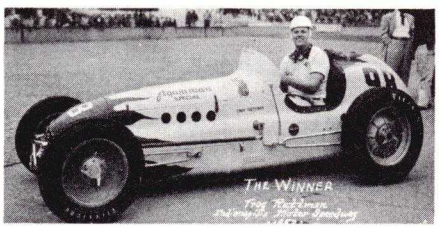
BOB SWEIKERT

'54
'53



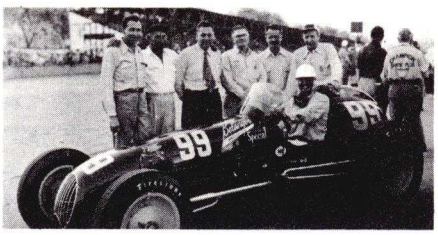
BILL VUKOVICH

'52



TROY RUTTMAN

'51



LEE WALLARD

'49

BILL HOLLAND

'50

JOHNNIE PARSONS

Herbrand Tools

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